DOCUMENT RESUME

ED 312 980 HE 023 043

AUTHOR	Zikopoulos, Marianthi, Ed.
TITLE	Profiles 1987-88. Detailed Analyses of the Foreign Student Population.
INSTITUTION	Institute of International Education, New York, N.Y.
SPONS AGENCY	United States Information Agency, Washington, D. C.
REPORT NO	ISBN-87206-177-9
PUB DATE	89
NOTE	204p.; Assisted by the International Education Data Collection Committee.
AVAILABLE FROM	Institute of International Education, 809 United Nations Plaza, New York, NY 10017 ($32.95).
PUB TYPE	Statistical Data (110) -- Reports - Research/Technical (143) -- Tests/Evaluation Instruments (160)
EDRS PRICE	MF01/PC09 Plus Postage.
DESCRIPTORS	*College Students; Demography; Educational Attainment; Educational Policy; *Foreign Students; Geographic Location; Graduate Students; Higher Education; Majors (Students); Minority Groups; National Surveys; *Student Characteristics; Undergraduate Students

ABSTRACT

Detailed, indepth information is provided on the characteristics of individual foreign students to complement the annual report "Open Doors," which reports data on single characteristics of the foreign student population. Data are provided about subgroups of the foreign student population (e.g., the proportion of graduates versus undergraduates from a specific country, and the home country or world region of foreign students attending schools in California). Data were drawn from a biennial survey of all regionally accredited two- and four-year U.S. institutions of higher education listed in the "HEP 1988 Higher Education Directory." Three chapters are as follows: (1) "Profiles Data" (methodology and data characteristics, organization, and availability of special reports); (2) "Foreign Student Characteristics by World Regions and Places of Origin" (African, Asian, European, Latin American, Middle Eastern, North American, and Oceanian students); and (3) "Foreign Students within U.S. Regions, Academic Levels, and Fields of Study" (geographic destinations, and educational destinations, including academic level and field of study). Six appendices provide: detailed cross-tabulations; step 2/step 3 comparisons (i.e., comprisons of "Open Doors" and "Profiles" data); selected characteristics of foreign students by country or other place, subregion, and world region of origin; fields of study; countries and other places within world regions and subregions; and 1987/88 individual data (step 3) survey materials. (SM)

ED312980

PROFILES 1987–1988

DETAILED ANALYSES OF THE FOREIGN STUDENT POPULATION

Marianthi Zikopoulos
Editor

The Institute of International Education gratefully acknowledges special grant support from the United States Information Agency for the implementation of the Individual Data Survey and the production of *Profiles*. It also acknowledges the invaluable assistance of the members of the American Association of Collegiate Registrars and Admissions Officers (AACRAO) and of the National Association for Foreign Student Affairs (NAFSA) in obtaining the survey data.

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ISBN:87206-177-9
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Price: $32.95 per copy includes book rate postage and handling

ACKNOWLEDGEMENTS

- To the thousands of men and women of the National Association for Foreign Student Affairs (NAFSA) and the American Association of Collegiate Registrars and Admission Officers (AACRAO), whose cooperation in the collection of these statistics is voluntarily given, whose professionalism and interest is always evident, and whose constructive advice and criticism are greatly appreciated;

- to NAFSA and AACRAO regional chairs for encouraging campus officials to respond to the survey, thus substantially increasing the response rate;

- to the Bureau of Educational and Cultural Affairs of the United States Information Agency, and in particular Adeline C. O'Connell, Chief, and Harriet McGuire and Sheldon Austin, Senior Program Officers, Advising, Teaching, and Specialized Programs, whose support made possible the collection, analysis, and publication of the data;

- to John F. Reichard, Executive Vice President of NAFSA, and his Washington staff, for tireless efforts on behalf of the IEDC;

- to Peggy Blumenthal, Vice President, Educational Services, IIE, for her intelligent and gentle guidance;

- to our colleagues at IIE in New York and in the regional offices who assisted both in data collection and in the production of this book;

- to John F. Collins, Jr. and John E. Cyphers, past and present presidents of AACRAO; Richard M. Krasno, president of IIE; and Josef Mestenhauser and Valerie Woolston, past and present presidents of NAFSA, for their strong support and encouragement;

- to these and to the many other persons who assisted in the preparation of this publication, we express our gratitude.

DEFINITIONS

Foreign Student
A foreign student is defined as anyone who is enrolled in courses at institutions of higher education in the United States who is not a citizen or an immigrant (permanent resident). Persons with refugee status are included.

Institutions of Higher Education
This refers to all accredited institutions of higher education in the United States which meet the U.S. Department of Education eligibility requirements. The institutions offer postsecondary associate, baccalaureate, post-baccalaureate, or rabbinical education programs. The *HEP 1988 Higher Education Directory* (Higher Education Publications, Inc., Washington, DC, ISBN 0-914927-04-3) was used as reference for accredited institutions.

Fields of Study
The fields of study used in this book are those from *A Classification of Instructional Programs*, published by the National Center for Education Statistics (NCES). See *Appendix D* for the list of fields and subfields.

World Regions
The major world regions, and the subregions, countries, territories and other places of origin within each world region are presented in *Appendix E* of this publication.

GUIDELINES FOR THE RELEASE OF STEP 3 DATA

Reports based on Census and Individual Survey-data are available to individuals, agencies or corporations for clearly identified purposes of scholarly research, public information, or recruitment for employment.

Reports will be produced for recruitment purposes only when the employer has indicated the following: the openings are for employment in the students' home countries or, in some instances, home regions; students' obligations to the sponsors of their U.S. study and/or to their own governments will be respected; the corporation or agency does not engage in discriminatory practices.

Student names obtained as a by-product of the Census activity will not be released in any case without the students' prior consent.

The Institute of International Education reserves the right to request that the proposed use of the data be documented and to withhold Census and Individual Survey data when the request is not deemed to be of appropriate scholarly, public information or recruitment purposes.

TABLE OF CONTENTS

CHAPTER 1 **PROFILES DATA** 1
PROFILES COMPARED TO *OPEN DOORS* 1
METHODOLOGY AND DATA CHARACTERISTICS 2
ORGANIZATION 3
AVAILABILITY OF SPECIAL REPORTS 4

CHAPTER 2 **FOREIGN STUDENT CHARACTERISTICS BY WORLD REGIONS AND PLACES OF ORIGIN** 5
AFRICAN STUDENTS 5
ASIAN STUDENTS 12
EUROPEAN STUDENTS 18
LATIN AMERICAN STUDENTS 24
MIDDLE EASTERN STUDENTS 25
NORTH AMERICAN STUDENTS 30
OCEANIAN STUDENTS 31

CHAPTER 3 **FOREIGN STUDENTS WITHIN U.S. REGIONS, ACADEMIC LEVELS, AND FIELDS OF STUDY** 32
GEOGRAPHIC DESTINATIONS 32
EDUCATIONAL DESTINATIONS 38
ACADEMIC LEVEL 39
FIELD OF STUDY 41

APPENDICES
A: DETAILED CROSS-TABULATIONS 47
B: STEP 2/STEP 3 COMPARISONS 61
C: SELECTED CHARACTERISTICS OF FOREIGN STUDENTS BY COUNTRY OR OTHER PLACE, SUBREGION, AND WORLD REGION OF ORIGIN 68
D: FIELDS OF STUDY 123
E: COUNTRIES AND OTHER PLACES WITHIN WORLD REGIONS AND SUBREGIONS 133
F: 1987/88 INDIVIDUAL DATA (STEP 3) SURVEY MARTERIALS 134

LIST OF TABLES

1.1 Annual Census and Individual Data Survey: Response Rates, 1979/80-1987/88 1

1.2 Individual Data Survey: Response Rate to Major Foreign Student Characteristics, 1987/88 2

1.3 Foreign Student Characteristics, Annual Census and Individual Data Survey, 1987/88 3

2.1 Individual Data Survey: World Region and Subregion of Origin of Foreign Students, 1987/88 5

2.2 Annual Census: World Region and Leading Place of Origin of Foreign Students, Selected Years, 1949/50-1987/88 6

2.3 Field of Study of Foreign Students by World Region and Leading Place of Origin, 1987/88 8

2.4 Field of Study of Foreign Students by World Region of Origin, Selected Years, 1949/50-1987/88 11

2.5 Field of Study of Foreign Students by Leading Place Within World Regions of Origin, Selected Years, 1949/50-1987/88 13

2.6 Academic Level of Foreign Students by World Region and Leading Place of Origin, 1987/88 16

2.7 Academic Level of Foreign Students by World Region of Origin, Selected Years, 1954/55 - 1987/88 18

2.8 Academic Level of Foreign Students by Leading Place Within World Regions of Origin, Selected Years, 1954/55-1987/88 20

2.9 Gender of Foreign Students Within Academic Levels by World Region of Origin, 1987/88 22

2.10 Field of Study and Academic Level of Foreign Students by World Region and Leading Place of Origin, 1987/88 26

2.11 Gender of Foreign Students by World Region and Leading Place of Origin, 1987/88 28

3.1 World Region of Origin of Foreign Students Within U.S. Regions and States, 1987/88 33

3.2 World Region and Subregion of Origin of Foreign Students Within Academic Levels, 1987/88 34

3.3 Field of Study of Foreign Students Within Academic Levels, 1987/88 36

3.4 Gender of Foreign Students Within Fields of Study, 1987/88 37

3.5 Academic Level of Foreign Students Within Fields of Study, 1987/88 38

3.6 Academic Level of Foreign Students Within Fields of Study, Selected Years, 1963/64-1987/88 39

3.7 World Region of Origin of Foreign Students Within Fields of Study, 1987/88 and 1979/80 40

3.8 World Region of Origin and Academic Level of Foreign Students Within Fields of Study, 1987/88 42

3.9 Distribution of Foreign Students in Engineering and in Business and Management Subfields, 1987/88 43

3.10 Distribution of Foreign Students in "Other Engineering" Subfields, 1987/88 44

3.11 World Region of Origin of Foreign Students Within Engineering and Business and Management Subfields, 1987/88 45

Appendices

A.1 Disaggregate Academic Level of Foreign Students by World Region of Origin, 1987/88 47

A.2 Academic Level of Foreign Students Within Fields of Study by World Region and Leading Place of Origin, 1987/88 48

A.3 Gender of Foreign Students Within Fields of Study by World Region and Leading Place of Origin, 1987/88 52

A.4 Gender of Foreign Students Within Fields of Study and Academic Level by World Region and Leading Place of Origin, 1987/88 54

A.5 World Region of Origin of Foreign Students Within Academic Levels, 1987/88 58

A.6 World Region and Leading Place of Origin of Foreign Students Within Engineering Subfields, 1987/88 59

A.7 World Region and Leading Place of Origin of Foreign Students Within Business and Management Subfields, 1987/88 60

LIST OF FIGURES

2.A Field of Study of Foreign Students by World Region of Origin, 1987/88 9

2.B Academic Level of Foreign Students by World Region of Origin, 1987/88 17

2.C Gender of Foreign Students Within Academic Levels by World Region of Origin, 1987/88 23

2.D Gender of Foreign Students by World Region of Origin, 1987/88 29

3.A World Region of Origin of Foreign Students Within Academic Levels, 1987/88 35

3.B Field of Study of Foreign Students Within Academic Levels, 1987/88 36

3.C Gender of Foreign Students Within Fields of Study, 1987/88 37

3.D Academic Level of Foreign Students Within Fields of Study, 1987/88 38

3.E World Region of Origin of Foreign Students Within Field of Study, 1987/88 41

Field of Study of Foreign Students by Leading Place of Origin, 1987/88

PLACE OF ORIGIN	FIELD OF STUDY													Students Reported
	AGRI	BUS/ MGMT	EDUC	ENGR	FINE ARTS	HLTH SCI	HUM	MATH/ COMP	PHYS SCI	SOC SCI	OTHR	INT ENGL	NOT DECL	
Taiwan	2.3	14.2	4.0	27.3	3.9	3.2	2.4	16.0	11.5	5.7	5.3	1.9	2.2	15,446
China	2.3	7.0	3.2	20.4	3.2	2.9	5.1	13.2	26.8	8.0	4.2	1.8	2.0	14,870
India	1.3	16.4	1.6	34.1	1.6	2.9	2.3	14.2	11.8	6.3	4.9	0.1	2.4	12,691
Korea, Rep. of	2.2	16.7	3.8	18.8	5.4	1.6	6.4	10.2	12.2	13.6	5.2	1.5	2.5	12,239
Malaysia	1.9	31.1	3.0	28.7	6.3	1.4	1.2	9.6	3.2	5.6	3.2	0.7	3.9	12,405
Canada	1.7	15.0	8.0	8.7	7.3	12.1	7.3	2.6	7.1	11.7	11.9	0.2	6.4	9,680
Iran	1.6	5.6	2.3	31.3	2.1	9.7	1.4	12.5	13.9	5.3	8.7	1.3	4.3	5,979
Nigeria	3.1	26.2	9.9	9.8	3.9	8.7	3.2	4.6	5.5	13.7	8.6	0.1	2.9	4,978
United Kingdom	0.8	16.6	6.0	8.2	6.9	3.1	7.3	4.5	8.6	15.7	12.3	0.1	9.8	3,968
Saudi Arabia	1.5	15.9	5.0	26.0	1.9	3.2	2.2	14.2	3.1	12.5	5.3	5.2	4.0	3,489

Academic Level of Foreign Students by Leading Place of Origin, 1987/88

PLACE OF ORIGIN	ACADEMIC LEVEL			Students Reported
	Under-graduate	Graduate	Other	
Taiwan	17.4	78.6	4.0	15,192
China	14.8	80.8	4.4	14,487
India	24.0	73.2	2.9	12,400
Korea, Rep. of	24.1	73.5	2.4	12,083
Malaysia	77.3	20.8	1.9	12,312
Canada	59.1	38.0	2.9	9,663
Iran	59.1	36.9	3.9	6,020
Nigeria	59.3	39.0	1.7	4,981
United Kingdom	55.2	37.2	7.6	4,012
Saudi Arabia	57.3	35.7	7.0	3,480

Gender of Foreign Students by Leading Place of Origin, 1987/88

PLACE OF ORIGIN	GENDER		Students Reported
	Male	Female	
Taiwan	63.9	36.1	14,098
China	69.6	30.4	13,869
India	79.2	20.8	12,102
Korea, Rep. of	80.4	19.6	11,401
Malaysia	66.5	33.5	11,445
Canada	60.9	39.1	9,215
Iran	69.3	30.7	5,669
Nigeria	76.7	23.3	4,902
United Kingdom	61.6	38.4	3,756
Saudi Arabia	92.2	7.8	3,335

1: PROFILES DATA

***PROFILES* COMPARED TO *OPEN DOORS*: INDIVIDUAL DATA SURVEY AND ANNUAL CENSUS**

IIE has collected data on foreign students in the United States since the Institute was founded in 1919 to provide accurate annual counts of their number and some of their characteristics. In 1949, an annual report based on these surveys was begun, called *Education for One World*. In 1955, the title *Open Doors* was adopted.

A key objective of *Open Doors* is to provide a complete census of the foreign student population. Until the early 1970's, it was possible to obtain this information by sending questionnaires to foreign students individually. In the early 1970's, however, for a number of reasons (principally the vast growth of the foreign student population) this method ceased to produce an acceptable response rate. In consultation with representatives of NAFSA and AACRAO, IIE adopted a new method: obtaining data from campus officials on an institutional basis on the total number of foreign students in certain categories (e.g., country of citizenship, field of study, academic level, and gender). This has substantially improved the census response rate (in recent years it has been 97% or above), and *Open Doors* now is based on these aggregate data (or totals by category). But these data no longer permit the kinds of detailed analyses that were possible when information was collected on an individual basis.

Thus, with the modification of *Open Doors*, it became necessary to complement the comprehensive census with a survey of the characteristics of individual foreign student. Known as the Individual Data Survey or "**Step 3**" survey to distinguish it from the **Step 1** and **Step 2** surveys that produce *Open Doors*, it was first implemented in the academic year 1979/80 and published in *Profiles*. **Step 3** requests information on country of citizenship, field of study, academic level, gender, and primary source of financial support on each foreign student attending each school. Since the collection and analysis of these data is an enormous effort, this survey is done only biennially.

Profiles is intended to complement *Open Doors*. Data in *Open Doors* are aggregate, reported on an institutional basis; the data in *Profiles* describe individual students and permit more detailed analyses of the foreign student population. The two reports are useful for different purposes. *Open Doors* provides information on a single or specific characteristic of the foreign student, e.g.:

- how many foreign students there are in the United States
- how many students come from particular countries or regions
- the distribution of foreign students among different fields of study

1.1 Annual Census and Individual Data Survey: Response Rates, 1979/80 -1987/88

	1979/80		1981/82		1983/84		1985/86		1987/88	
Responses	**Number**	**Percent**	**Number**	**Percent**	**Number**	**Percent**	**Number**	**Percent**	**Number**	**Percent**
Institutions Surveyed	**3,186**	–	**2,862**	–	**2,844**	–	**2,902**	–	**2,893**	–
Institutions Responding	**2,950**	**92.6**	**2,693**	**94.1**	**2,766**	**97.3**	**2,803**	**96.6**	**2,878**	**99.5**
With no Foreign Students	299	–	239	–	268	–	296	–	326	–
With Foreign Students	2,651	–	2,454	–	2,498	–	2,507	–	2,552	–
Providing STEP 3 Data	**1,961**	**74.0**	**1,845**	**75.2**	**2,007**	**80.3**	**2,116**	**84.4**	**1,925**	**75.4**
Number of Students Reported										
Census	286,340	–	326,300	–	338,890	–	343,780	–	356,190	–
Individual Data (STEP 3) Survey	158,240	55.3	197,089	60.4	216,280	63.8	227,966	66.3	225,999	63.4

1.2 Individual Data Survey: Response Rate to Major Foreign Student Characteristics, 1987/88

CHARACTERISTICS	Number of Students Reported	Percent of Total Responses
Nationality	222,843	98.6
Gender	204,472	90.4
Academic Level	216,326	95.7
Field of Study	217,310	96.2
Primary Source of Support	99,429	44.0

- how many are undergraduate or graduate students
- how many are female and how many male
- the distribution of foreign students among states and schools.

Profiles provides more detailed, in-depth information about subgroups of the foreign student population, for instance:

- what proportion of students from a specific country (e.g., Malaysia) are graduates or undergraduates
- what proportion of students in different fields of study (e.g., natural sciences) are graduates or undergraduates
- what proportion of Nigerian students in the U.S. are studying business and management, and what proportion of these are female or male
- what proportion of foreign students studying engineering are from Africa, and what proportion are from Asia
- the home country or world region of foreign students attending schools in California.

It is much more difficult to complete a **Step 3** form than a **Step 2** form (indeed, **Step 3** data simply are not available in some institutions), and consequently the response rate is not as high: a little over 75% of the institutions surveyed now provide detailed **Step 3** information on approximately 64% of the students reported on in the *Open Doors* census. This is, however, a significant improvement from the first Individual Data Survey in 1979/80, when detailed information was provided for only 55% of the students reported in the annual census. Thus, in contrast to *Open Doors*, *Profiles* analyses are based on a sample rather than on the entire reported foreign student population. However, as explained below, there is strong statistical evidence that the sample is representative of the whole population and the findings in *Profiles* can be generalized to all foreign students.

Profiles and *Open Doors* can be most readily understood if compared. *Profiles* does not simply repeat data contained in *Open Doors*, but provides different, more complex analyses. While *Open Doors* is a better source for information on the major characteristics of foreign students, based as it is on nearly the whole foreign student population, *Profiles* offers comparative and cross-tabulated data that are essential to a deeper understanding of the meaning of foreign student flows, both for U.S. higher education and for the countries from which these students come.

METHODOLOGY AND DATA CHARACTERISTICS

Profiles contains the results of a biennial survey of all regionally accredited two- and four-year institutions of higher education in the United States (as listed in the *Hep 1988 Higher Education Directory;* see Definitions at the front of this book for details). The survey for this edition of *Profiles* was conducted from fall 1987 to spring 1988, in conjunction with the Annual Census of Foreign Students in the United States (the results of which are published in the *Open Doors* series). The survey is known as the Individual Data Survey, or, because it calls for more in-depth data than those collected in the two stages or steps of the Annual Census, the **"Step 3"** survey. It asks college and university officials for information on the country of citizenship, field of study, academic level, gender, and primary source of financial support of each foreign student.

The Research Division of IIE conducted this survey with the guidance of the International Education Data Collection Committee, (IEDC), (formerly the Interassociational Committee on Data Collection, (ICDC)), whose members represent the American Association of Collegiate Registrars and Admissions Officers (AACRAO), the Institute of International Education (IIE), and the National Association for Foreign Student Affairs (NAFSA).

Of the 2,552 higher education institutions that reported foreign student enrollments in the Annual Census in 1987/88, 1,925 or 75.4% provided detailed **Step 3** data on 225,999 individual students, or 63.4% of the 356,187 foreign students reported in the Annual Census (**Table 1.1**). Although complete information was not provided for every individual, as **Table 1.2** shows, the response rate on all but one major characteristic was high, ranging from 90% to

1.3 Foreign Student Characteristics: Annual Census and Individual Data Survey, 1987/88

CHARACTERISTIC	Annual Census	Individual Data Survey
WORLD REGION		
Africa	8.0	8.1
Asia	50.7	50.1
Europe	10.9	10.6
Latin America	12.5	13.1
Middle East	12.5	12.3
North America	4.6	4.7
Oceania	1.0	1.1
Stateless	0.1	0.1
FIELD OF STUDY		
Agriculture	2.3	2.4
Business and Management	18.8	18.3
Education	3.1	3.6
Engineering	20.7	20.2
Fine and Applied Arts	4.5	4.2
Health Sciences	3.9	3.9
Humanities	4.0	4.3
Math and Computer Sciences	9.9	9.7
Physical and Life Sciences	8.3	8.7
Social Sciences	7.7	8.6
Other	7.1	8.3
Intensive English Language	3.9	2.8
Undeclared	5.8	5.1
ACADEMIC LEVEL		
Associate	11.1	10.7
Bachelor	38.5	40.2
Total Undergraduate	49.6	50.9
Graduate	43.9	43.5
Other	6.5	5.6
U.S. REGION		
Northeast	23.7	18.9
Midwest	22.3	28.0
South	21.3	23.6
Pacific	18.3	12.8
Southwest	10.8	13.2
Mountain	3.2	3.2
Other	0.4	0.3
TYPE OF INSTITUTION		
Two-Year	12.9	12.0
Four-Year	87.1	88.0
Public	65.3	65.5
Private	35.1	34.4
TOTAL NUMBER OF STUDENTS	**343,780**	**225,999**

98%. The exception was information on primary source of support, which was given for only 44% of the students reported on in the **Step 3** survey, and this variable, therefore, was not included in *Profiles* analyses.

Because of the varying response rates on individual characteristics, the absolute numbers of students in specific categories vary from one table to another. Also, the number of complete cases available for analysis decreases as the analyses become more complex, since cases with incomplete data vary from one variable to another.

Statistical evidence is strong for the assumption that **Step 3** data are representative of Census data. The characteristics of students in the two surveys (nationality, field of study, academic level, and gender) are quite similar, as can be seen in Table **1.3**. Also, the characteristics of the institutions responding to the **Step 3** survey (geographical location, program length (two-year/four-year) and institutional control) closely match the characteristics of those responding to the Census. Therefore, **Step 3** (or *Profiles*) data may be assumed to be representative of Census (or *Open Doors*) data.

The user can combine *Open Doors* and *Profiles* analyses to obtain information not available from either publication alone. For instance, it is possible to estimate the number of foreign students in subgroups based on two or more characteristics (e.g., nationality and academic level). If we know (from *Profiles*) that, in 1987/88, 14.8% of Chinese students were undergraduates and (from *Open Doors*) that the total number of Chinese students reported was 25,170, by taking 14.8% of 25,170 (25,170 multiplied by 0.148) one can estimate that the total number of Chinese undergraduate students was approximately 3,725.

ORGANIZATION

This publication consists of three chapters and six appendices. **Chapter 1** provides background and technical information about the data contained in this publication. First, the differences between *Open Doors* and *Profiles* are highlighted and the unique usefulness of each publication is pointed out. Then, the research methodology used is presented, followed by information on the characteristics of the data, the generalizability of the Individual Data survey results to the foreign student population covered by the Annual Census, and the special reports available through the Research Division of IIE. **Chapters 2** and **3** report the major findings of the survey. **Chapter 2** presents characteristics of foreign students in the United States categorized by

world region and countries or other places within these regions that sent the highest number of foreign students to the United States. **Chapter 3** presents analyses of the foreign student population at different "destinations," geographic and educational, in the United States. The geographic destinations include regions and states of the United States; the two academic destinations in the United States are fields of study and academic levels.

The analysis of the foreign student population in the United States is approached from two major perspectives in *Profiles*. In **Chapter 2**, characteristics are related to the students' geographic origins: What are the overall characteristics of students from the major world regions and from the countries or other places within those regions? What do students from particular regions study? How many are graduate and how many are undergraduate students? How many are male and how many are female? What are the characteristics of certain subgroups, such as Asian undergraduates? In **Chapter 3**, the focus shifts to various components of the educational scene within the United States: What are the characteristics of the foreign student population in different regions and states of this country? In different fields of study? At different academic levels? Data in **Chapter 2** are useful to those needing detailed information about students from specific places; **Chapter 3** is useful to those who wish to examine the dispersion of foreign students within the United States and within particular sectors of U.S. higher education. Data quoted in the following chapters are rounded off to whole percentage points.

It is impossible to include all analyses in the main body of this text. More complex data (i.e., detailed academic-level distributions, distributions among subfields of engineering and business and management, and breakdowns by field of study and gender and by field of study, academic level and gender) can be found in **Appendix A**. Information on countries not appearing in the text can be found in **Appendices B** and **C**. **Appendix B** compares the numbers and percentages of students from each country or other place, subregion, and world region as reported in the Individual Data Survey and in the Census. **Appendix C** reports the distribution of foreign students from ***each country*** or other place of origin as well as subregion and world region, as reported in the Individual Data, or **Step 3** survey, by major characteristics (field of study, gender, and academic level). Although somewhat complicated, **Appendix C** can be of great value; a guide to understanding it is provided on page xx.

Appendices D and **E** provide field-of-study and country taxonomies, respectively, and **Appendix F** contains a copy of the 1987/88 Individual Data Survey materials.

Availability of Special Reports

The Research Division of IIE can produce upon request special reports from the **Step 2** and **Step 3** data bases for scholars and others interested in international educational exchange. Two types of reports are available: 1) Locator reports and 2) Research reports.

1. ***Locator reports:*** These reports show where (in what institution and state) foreign students from a particular country or group of countries are studying. Two kinds of locator reports are available:
   a) A ***general country report,*** showing the number of students from a specific country attending various institutions of higher education in each state of the United States (e.g., how many Irish students attended which institutions in each state). This report is based on **Step 2** data and is updated annually.
   b) A ***detailed country report,*** giving information on the location of students from a specific country in particular fields or subfields of study and at different academic levels (e.g., how many Saudi Arabian graduate students majoring in engineering attended which institutions in each U.S. state). This report is based on **Step 3** data and is updated biennially.

2. ***Research reports:*** These reports offer special analyses for persons needing information on foreign students from particular countries, in subgroups based on field of study, academic level, by gender, or in combinations of these attributes. Research reports can answer such questions as: What number or proportion of undergraduate female Indian students study business and management? What is the proportion of women in each of the subfields of engineering at the graduate level? How many of the Peruvian students studying the physical and life sciences are undergraduates and how many are graduate students?

For further information on analyses available and quotations of cost, contact:

Research Division,
IIE
809 United Nations Plaza
New York, NY 10017-3580
Tel: (212) 984-5348.

2: FOREIGN STUDENTS BY REGIONAL AND NATIONAL ORIGIN

INTRODUCTION

This chapter presents the characteristics (field of study, academic level and gender) of foreign students categorized by world region and leading places of origin. Perhaps the most interesting differences in foreign student populations can be discerned by examining and comparing the profiles of students from within a particular region rather than looking at the foreign student population as a whole. Thus, this chapter presents the characteristics of the students in each world region separately. The regions are considered in alphabetical order. Field of study analyses are presented first, followed by academic level analyses (including separate discussions of the characteristics of undergraduate and graduate students), and finally, gender distribution is presented.

Note that some detailed analyses by place of origin that could not be incorporated into this chapter are presented in **Appendices A.1-A.4.** Also, information on the characteristics of foreign students from countries not analyzed in this chapter can be found in **Appendix C. Appendix C** presents the fields of study, academic level, and gender of foreign students from **every country or other place of origin in the world**.

AFRICAN STUDENTS

Africans comprised approximately one-twelfth (8%) of the U.S. foreign student population in 1987/88 (**Table 2.1**). Close to half came from West Africa and most of these from Nigeria, despite the fact that the number of Nigerians studying in the U.S. has fallen by half in the last ten years (**Table 2.2**). This decrease in the flow of Nigerians in the last decade helps to explain why the proportion of Africans overall has fallen off since 1979. Between 1950 and 1970 their number increased very rapidly, with an over two-fold rise between '49 and '59 and an almost five-fold increase between '69 and '79. From 1979 to 1987, however, and despite the fact that four out of the five leading sender nations from Africa experienced growth, Africans overall fell in numbers from 36,000 in '79 to 28,000 in '87.

2.1 Individual Data Survey: World Region and Subregion of Origin of Foreign Students, 1987/88

WORLD REGION/ SUBREGION	Number of Students	Percentage of Students
AFRICA, total	**17,983**	**8.1**
Eastern Africa	4,196	1.9
Central Africa	1,116	0.5
North Africa	3,453	1.6
Southern Africa	1,751	0.8
West Africa	7,467	3.3
ASIA, total	**111,492**	**50.1**
East Asia	61,568	27.6
South Central Asia	20,386	9.2
Southeast Asia	29,538	13.3
EUROPE, total	**23,552**	**10.6**
Eastern Europe	1,212	0.6
Western Europe	22,340	10.0
LATIN AMERICA, total	**29,211**	**13.0**
Caribbean	7,742	3.5
Central America	9,662	4.3
South America	11,807	5.2
MIDDLE EAST, total	**27,478**	**12.3**
NORTH AMERICA, total	**10,486**	**4.7**
OCEANIA, total	**2,418**	**1.1**
STATELESS	**103**	**0.1**
ALL REGIONS	**222,843**	**100.0**

Field of Study

The most popular field of study for African students in 1987/88 was business and management. Close to 20% chose to concentrate in this field (**Table 2.3**). While this percentage is only slightly higher than it was seven years previously, the interim saw a decline in the number of students concentrating in engineering, (the most popular field of study in

2.2 *Annual Census: World Region and Leading Place of Origin of Foreign Students, Selected Years, 1949/50 - 1987/88*

WORLD REGION/ LOCALITY	1949/50		1959/60		1969/70		1979/80[1]		1987/88[1]	
	Number of Students Reported	% of Students Reported	Number of Students Reported	% of Students Reported	Number of Students Reported	% of Students Reported	Number of Students Reported	% of Students Reported	Number of Students Reported	% of Students Reported
AFRICA	**904**	**3.4**	**1,959**	**4.0**	**7,607**	**5.6**	**36,160**	**12.6**	**28,450**	**8.0**
Nigeria	176		258		1,851		16,360		8,340	
South Africa	155		181		457		1,170		2,130	
Egypt	349		490		1,015		1,650		2,090	
Kenya	5		156		492		1,850		1,990	
Ethiopia	37		170		540		1,340		1,870	
ASIA	**6,840**	**25.9**	**17,808**	**36.7**	**49,189**	**36.5**	**81,730**	**28.5**	**180,540**	**50.7**
Taiwan	3,637		4,546		12,029		17,560		26,660	
China	–		–		–		1,000		25,170	
India	1,357		3,772		1,327		8,760		21,010	
Korea, Rep. of	258		2,474		3,991		4,890		20,520	
Malaysia	116		234		663		3,660		19,480	
EUROPE	**5,574**	**21.1**	**26,392**	**13.2**	**18,524**	**13.7**	**22,570**	**7.9**	**38,820**	**10.9**
United Kingdom	792		993		4,216		4,280		6,600	
Germany, F.R.	671		720		2,634		3,000		5,730	
France	494		572		1,977		2,250		4,310	
Greece	461		1,095		1,811		3,000		4,140	
Spain	259		443		1,174		1,100		2,500	
LATIN AMERICA	**6,010**	**22.7**	**9,428**	**19.4**	**24,991**	**18.5**	**42,280**	**14.8**	**44,550**	**12.5**
Mexico	825		1,356		2,501		5,650		6,170	
Venezuela	446		1,126		1,722		9,860		3,790	
Colombia	582		687		2,045		3,200		3,370	
Brazil	423		473		1,349		2,910		2,950	
Peru	124		255		780		1,030		2,290	
MIDDLE EAST	**2,207**	**8.4**	**6,477**	**13.4**	**15,122**	**11.2**	**83,700**	**29.2**	**43,630**	**12.2**
Iran	570		2,507		5,175		51,310		10,420	
Lebanon	113		590		1,020		6,040		5,820	
Saudi Arabia	18		93		1,029		9,540		5,490	
Jordan	17		556		909		4,720		5,140	
Kuwait	0		49		319		2,670		3,160	
NORTH AMERICA	**4,421**	**16.7**	**5,761**	**11.9**	**13,415**	**9.9**	**15,570**	**5.4**	**16,360**	**4.6**
Canada	4,362		5,679		13,318		15,130		15,690	
OCEANIA	**204**	**0.8**	**2,568**	**1.2**	**2,077**	**1.5**	**4,140**	**1.5**	**3,620**	**1.0**
Australia	149		367		1,077		1,560		1,490	
Pacific Is. Trust Terr.	14		38		326		1,900		1,030	
STATELESS	**273**	**1.0**	**93**	**0.2**	**4,034**	**3.0**	**170**	**0.1**	**130**	**0.1**
ALL REGIONS	**26,433**		**48,486**		**134,959**		**286,340**		**356,190**	

[1] *Figures for these years are rounded.*

1979/80), which allowed business and management to come to the forefront (**Table 2.4**). Engineering, now the second most chosen major, enrolled 15%, followed by the social sciences, enrolling close to 12%. Fine arts and humanities departments were less successful in attracting Africans, with less than five percent choosing to concentrate in these fields.

While the percentage of African students in such fields as business and engineering was not very different from other world regions', their concentration in education (6%) was exceeded only by North Americans (8%) and Oceanians (8%). Also, their numbers in agriculture, while rather small, were proportionally higher than those of other regions, 6%, as opposed to an average of 2% for the rest of the world.

Historically, African enrollments in business and management fields have experienced rapid and steady increases, with a more than four-fold percentage increase from the 1950s to the late 70s (**Table 2.4**). By 1979/80, the proportion choosing this field had leveled off, and there has been hardly any change since then. On the contrary, the social sciences, a field traditionally more popular with Africans than with students from other world regions, experienced steep declines after the early 70s, losing 8% of the African students between 69/70 and 87/88. Other fields such as the humanities, education, and the health sciences, which had been steadily losing their share of African students after the early sixties, saw in the past eight years modest gains in their proportion of African students. Between 79/80 and 87/88 the humanities had gained about one half of a percent, a very modest increase but encouraging when compared to the loss of approximately 2% between 69/70 and 79/80. The health sciences gained a little over one percent after previous years of decline, and education leveled off after gaining one percent.

Students from the leading African sender nations of Nigeria, South Africa, Kenya, and Ethiopia tended to be in agreement in their preference for business and management over other fields of study in 1987/88 (**Table 2.3**). Kenyans and Nigerians were most heavily concentrated in business and management, approximately one-fourth of each group choosing this field. The Ethiopians followed with 18% and the South Africans contributed 17%. Despite declines in past years, the social sciences also attracted large proportions of students from leading African nations; over 11% of Nigerians, South Africans, and Kenyans chose the social sciences. In fact, more students from these countries studied social sciences than engineering, which attracted 10% or less.

Egyptian students differed from other African students both in their considerable concentration in engineering, nearly a third going into this field, and in their attraction to the physical sciences, where they were the only African nation to have over ten percent. Ethiopians, like the Egyptians, were more attracted to engineering than other Africans: 14% enrolled in engineering as opposed to an average of 10% for other nations. Ethiopians were least likely to choose the the social sciences, humanities, and education as fields of study. The humanities were selected most by the South Africans, giving this field a nearly three percent greater concentration of South Africans than of other African groups. Kenya surpassed Nigeria in its proportion of students in the business and management field for the first time in 1987/88.

As shown in **Table 2.5**, field-of-study choices have differed over time among the various leading African countries, but certain uniformities are discernible. For all countries, except Nigeria, there has been a movement away from the social sciences, with the losses among Kenyans and Ethiopians the most pronounced. The physical sciences have also seen a loss in popularity in the period from 1949 to 1987, albeit to a lesser extent than the social sciences. As in many countries worldwide, proportions in mathematics and computer science have increased uniformly for all leading African nations, showing gains in these fields averaging three percent. Large and increasing concentrations in business and management have historically been the norm in each of the leading sender nations of Africa, with the exception of Egypt, where the proportion of engineering students has been much greater. In 1987/88, the popularity of business and management did decline among students from two African nations: Kenya and Ethiopia both lost business students, most likely to engineering.

Academic Level

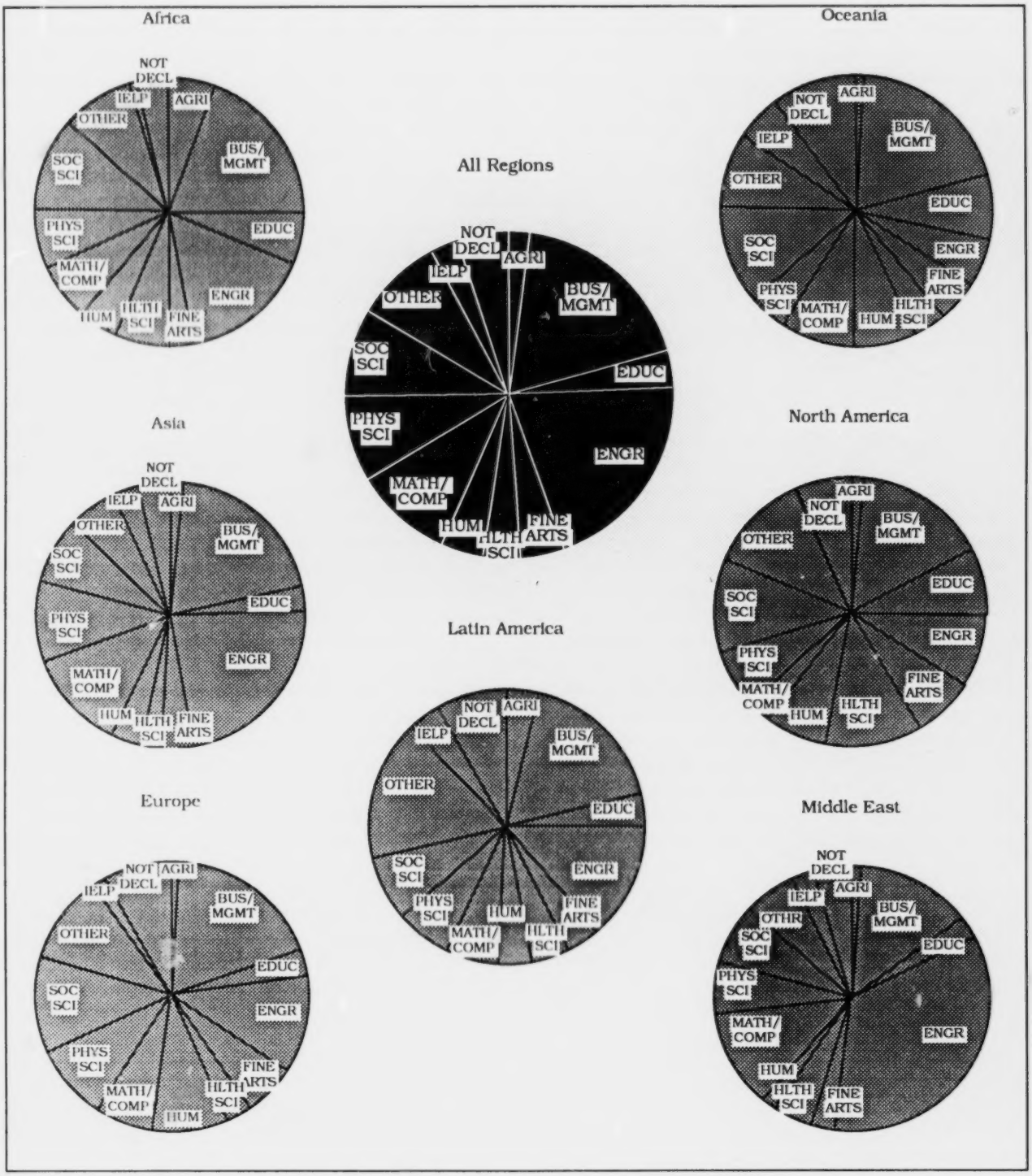
Roughly 41% of the foreign students from Africa were studying at the graduate level, and 55% at the undergraduate (**Table 2.6 and Figure 2.B**). This is the first year since 1969/70 when the proportion of African graduate students has been over 40% (**Table 2.7**). The 70s decade saw a shift in African enrollments from the graduate to undergraduate levels, over 60% being undergraduates during this period. This distribution held constant for several years, until the mid 80s, when graduate enrollments began to increase once again.

Of the leading sender nations from Africa, South Africa (41%) and Nigeria, both with 39%

2.3 *Field of Study of Foreign Students by World Region and Leading Place of Origin, 1987/88*

WORLD REGION/ LOCALITY	FIELD OF STUDY (Percentages)													Students Reported
	AGRI	BUS/ MGMT	EDUC	ENGR	FINE ARTS	HLTH SCI	HUM	MATH/ COMP	PHYS SCI	SOC SCI	OTHR	INT ENGL	NOT DECL	
AFRICA	**6.0**	**19.2**	**6.4**	**15.4**	**2.8**	**7.1**	**4.3**	**6.9**	**7.5**	**11.5**	**8.4**	**0.7**	**3.8**	**17,386**
Nigeria	3.1	26.2	9.9	9.8	3.9	8.7	3.2	4.6	5.5	13.7	8.6	0.1	2.9	4,978
South Africa	2.3	17.0	9.1	9.4	4.8	8.4	7.1	5.7	7.4	11.4	11.9	–	5.6	1,213
Egypt	7.3	11.4	2.4	32.8	3.9	6.0	4.2	8.6	10.3	5.9	4.2	1.1	2.0	1,318
Kenya	5.3	23.9	7.1	9.5	1.8	5.4	6.3	7.1	6.6	12.2	9.7	–	5.1	1,160
Ethiopia	3.9	18.4	1.6	14.2	1.1	10.5	2.6	9.9	9.8	9.2	10.3	1.5	7.1	1,086
ASIA	**1.9**	**19.6**	**3.1**	**22.5**	**4.2**	**2.5**	**3.6**	**11.8**	**10.4**	**7.8**	**5.8**	**3.0**	**3.7**	**107,649**
Taiwan	2.3	14.2	4.0	27.3	3.9	3.2	2.4	16.0	11.5	5.7	5.3	1.9	2.2	15,446
China	2.3	7.0	3.2	20.4	3.2	2.9	5.1	13.2	26.8	8.0	4.2	1.8	2.0	14,870
India	1.3	16.4	1.6	34.1	1.6	2.9	2.3	14.2	11.8	6.3	4.9	0.1	2.4	12,691
Korea, Rep. of	2.2	16.7	3.8	18.8	5.4	1.6	6.4	10.2	12.2	13.6	5.2	1.5	2.5	12,239
Malaysia	1.9	31.1	3.0	28.7	6.3	1.4	1.2	9.6	3.2	5.6	3.2	0.7	3.9	12,405
EUROPE	**1.3**	**18.4**	**3.0**	**11.6**	**6.1**	**3.2**	**9.1**	**6.5**	**9.1**	**11.7**	**10.6**	**1.4**	**8.0**	**22,580**
United Kingdom	0.8	16.6	6.0	8.2	6.9	3.1	7.3	4.5	8.6	15.7	12.3	0.1	9.8	3,968
Germany, F.R.	0.9	13.8	1.8	8.1	6.5	2.0	13.7	5.7	12.6	13.8	10.5	0.7	9.9	3,351
France	1.1	23.1	1.3	12.1	5.2	2.7	12.1	5.1	8.0	7.7	10.9	2.2	8.4	2,451
Greece	1.1	12.3	2.6	26.3	4.6	2.5	3.1	13.5	13.0	9.8	6.1	0.9	4.1	2,310
Spain	2.1	17.7	2.6	7.6	5.1	3.4	16.0	6.0	6.7	13.7	8.7	4.3	6.4	1,398
LATIN AMERICA	**4.0**	**17.3**	**3.5**	**13.8**	**4.0**	**4.4**	**4.1**	**6.3**	**6.2**	**7.6**	**17.0**	**3.5**	**8.2**	**28,120**
Mexico	5.6	16.8	2.6	12.2	4.3	2.4	7.4	8.8	7.5	9.1	6.8	10.0	6.6	3,388
Venezuela	2.9	17.8	3.4	19.7	5.8	3.0	2.7	10.6	6.1	5.5	13.5	3.2	5.8	2,264
Colombia	4.0	14.9	3.2	14.4	5.4	3.6	4.5	6.3	6.3	8.6	17.1	5.7	6.0	2,187
Brazil	6.2	13.1	5.1	12.7	6.4	2.9	6.4	6.6	9.0	10.0	12.7	4.3	4.6	1,753
Peru	3.1	21.6	2.6	14.7	3.9	1.3	5.3	6.3	5.5	11.0	15.2	3.6	5.9	1,397
MIDDLE EAST	**1.4**	**13.5**	**2.6**	**34.8**	**2.8**	**4.4**	**1.8**	**12.0**	**6.5**	**7.3**	**6.1**	**2.6**	**4.2**	**26,217**
Iran	1.6	5.6	2.3	31.3	2.1	9.7	1.4	12.5	13.9	5.3	8.7	1.3	4.3	5,979
Lebanon	1.3	14.4	1.0	45.5	3.3	4.9	1.3	9.2	4.2	4.3	5.9	1.2	3.5	3,476
Saudi Arabia	1.5	15.9	5.0	26.0	1.9	3.2	2.2	14.2	3.1	12.5	5.3	5.2	4.0	3,489
Jordan	0.9	17.3	2.0	38.8	2.6	2.2	2.8	11.4	4.2	6.2	4.9	2.9	3.7	3,153
Kuwait	0.5	18.0	2.5	36.9	1.2	1.8	1.4	14.0	2.2	6.1	6.9	3.6	4.9	1,982
NORTH AMERICA	**1.7**	**15.6**	**8.2**	**8.7**	**7.3**	**11.8**	**7.2**	**2.7**	**7.0**	**11.7**	**11.6**	–	**6.3**	**10,113**
Canada	1.7	15.0	8.0	8.7	7.3	12.1	7.3	2.6	7.1	11.7	11.9	0.2	6.4	9,680
OCEANIA	**1.2**	**19.5**	**7.7**	**5.6**	**4.9**	**3.9**	**7.9**	**8.6**	**4.4**	**12.0**	**9.0**	**5.2**	**9.9**	**2,324**
Australia	2.2	11.5	10.2	6.7	8.4	7.3	14.7	3.2	6.1	14.0	10.6	0.1	5.1	823
Pacific Island Trust Territory	0.3	25.6	3.4	6.8	1.3	1.3	1.3	17.2	1.6	11.8	8.0	1.3	20.2	763
ALL REGIONS	**2.4**	**18.2**	**3.6**	**20.3**	**4.3**	**3.9**	**4.3**	**9.7**	**8.8**	**8.7**	**8.3**	**2.6**	**5.0**	**214,389**

2.A *Field of Study of Foreign Students by World Region of Origin, 1987/88*



graduate students, most closely mirror the regional average in academic level proportions (**Table 2.6**). Kenya and Ethiopia had less than a third of their students studying at the graduate level (30% and 22% respectively), while Egypt, by sharp contrast, had two-thirds of its students (66%) at the graduate level.

Historical data on the flows from individual countries, presented in **Table 2.8**, show that the undergraduate and graduate distributions of Nigerians have varied substantially over the last three decades, with as many as 42% graduate students in 1969 and as few as 27% in 1979. This proportion rose to 39% in 1987/88. Egypt's percentage of graduate students dropped below 70% in 1987/88 for the first time since data were collected. Similarly, the proportion of Ethiopian graduate students decreased tremendously, from about 40% during the 60s and 70s to a low of 23% in 1987/88. The distribution of South African students has remained relatively stable over the years, while that of Kenyan students has fluctuated often. Comparatively low until 1959/60, the share of graduate students from Kenya nearly tripled in the next decade to 43%, then declined drastically during the 70s to about 25%, rising again in the 80s and reaching 30% by 1987/88.

Undergraduate Students

Undergraduate Africans constituted 5% of all foreign students in the United States in 1987/88. Approximately 68% of them were men (**Table 2.9 and Figure 2.C**), the second-highest male proportion after the Middle Easterners. As with students from other world regions, these undergraduates' two most preferred fields of study were business and management, chosen by 25%, and engineering, chosen by a relatively low 16% (**Table 2.10**). Each of the other fields of study drew less than 10%, with the exception of "other fields" which had only slightly over 10%.

The high proportion of African undergraduates in the field of business and management is partially explained by the enrollment of close to one-third of all Nigerians in this field, at 30% the largest proportion among all nationality groups (**Table 2.10**). However, as the overall number of Nigerian students declined in recent years, their proportion in the business and management field declined disproportionately: in 1983/84, over 47% of Nigerian undergraduates were in that field, in 1987/88 only 31%. A very large share (37%) of Egyptian undergraduate students were enrolled in engineering programs, nearly three times the average for Africa as a whole.

Graduate Students

Approximately 3% of the foreign student body in 1987/88 was comprised of African graduate students. Over eighty percent of them (81%) were men (**Table 2.9 and Figure 2.C**); thus, of all regional groups except the Middle Easterners, Africans had the lowest proportion of women at the graduate level. African graduate students were more dispersed among fields of study (**Table 2.10**) than were undergraduates. The social sciences was the most frequently chosen field (16%), attracting proportionately twice as many graduate as undergraduate students. Engineering was the second most popular field, enrolling 15% of African graduate students. Business and management was chosen by only 12% of graduate students, compared to 25% of undergraduates. African graduate students also enrolled in substantial proportions in agriculture (at 10%, the highest proportion of any region), in the physical and life sciences (9%), and in education (10%).

Field-of-study distributions of graduate students from the leading African countries varied substantially, as can be seen in **Table 2.10**. Proportionately, almost twice as many Nigerian as other African graduate students majored in business and management (20%), and an above-average proportion of Nigerians studied education (16%). On the other hand, Nigerians showed low preference for engineering, the physical and life sciences, and agriculture. Kenyans were enrolled in significantly above average proportions in education (13%) and in the humanities (14%) and in below average proportions in engineering (7%). Egyptian graduate students again favored engineering (32%) and the physical and life sciences (12%) and eschewed business and management (7%) and education (4%). Ethiopians overwhelmingly chose the social sciences over other fields, and in much greater proportions (25%) than students from other leading African nations; they were also particularly attracted to the physical and life sciences (15%). The South Africans chose the social sciences (15%) and the health sciences (10%) most often.

Gender

A little less than three-quarters (74%) of the African students in the United States in 1987/88 were men (**Table 2.11 and Figure 2.D**). Males constituted over three quarters (77%) of all Nigerian students, while the proportion of Egyptian students who were men (83%) was considerably higher than the overall African average. Interestingly, Kenya and especially Ethiopia sent comparatively high proportions of

2.4 *Field of Study of Foreign Students by World Region of Origin, Selected Years, 1949/50-1987/88*

WORLD REGION/ YEAR	FIELD OF STUDY (Percentages)													Number of Students Reported
	AGRI	BUS/ MGMT	EDUC	ENGR	FINE ARTS	HLTH SCI	HUM	MATH/ COMP	PHYS SCI	SOC SCI	OTHR[1]	INT ENGL	NOT DECL	
Africa														
1949/50	11.0	4.4	7.6	14.9	2.1	10.5	8.6	–	10.1	9.7	21.1	–	–	525
1959/60	5.0	7.6	8.0	13.7	4.1	9.2	8.5	1.5	13.7	18.8	5.3	–	4.6	1,959
1969/70	4.7	11.7	6.3	16.0	3.1	6.4	6.3	2.2	13.5	19.4	5.4	–	5.0	7,607
1979/80	6.4	19.1	5.7	19.8	3.4	5.6	3.9	2.9	9.2	12.1	6.0	0.6	5.3	19,401
1987/88	6.0	19.2	6.4	15.4	2.8	7.1	4.3	6.9	7.5	11.5	8.4	0.7	3.8	17,386
Asia														
1949/50	4.5	7.0	7.0	23.0	4.1	5.5	8.9	–	9.5	10.8	19.7	–	–	6,218
1959/60	2.5	8.9	5.1	21.4	4.8	7.1	7.9	3.0	16.5	14.0	6.1	–	2.7	17,808
1969/70	2.7	11.1	4.3	28.5	4.1	4.0	6.0	4.9	17.5	9.4	3.9	–	3.6	51,033
1979/80	2.1	20.0	3.7	20.9	4.3	3.6	5.1	7.2	10.8	8.8	6.0	1.6	5.9	42,405
1987/88	1.9	19.6	3.1	22.5	4.2	2.5	3.6	11.8	10.4	7.8	5.8	3.0	3.7	107,649
Europe														
1949/50	2.0	7.4	4.2	15.4	4.5	7.4	14.8	–	8.0	12.3	24.0	–	–	3,286
1959/60	2.5	7.7	3.5	17.9	5.1	7.3	16.2	2.2	12.9	13.7	7.8	–	3.2	6,392
1969/70	1.6	12.2	4.4	15.8	5.6	3.4	17.5	2.5	10.1	13.4	7.6	–	5.9	18,524
1979/80	1.6	14.0	3.9	14.8	6.1	4.1	11.1	4.1	9.4	11.7	7.8	1.2	10.2	12,702
1987/88	1.3	18.4	3.0	11.6	6.1	3.2	9.1	6.5	9.1	11.7	10.6	1.4	8.0	22,580
Latin America														
1949/50	3.8	12.6	3.6	26.4	4.8	9.4	10.1	–	5.0	4.4	19.9	–	–	3,875
1959/60	5.2	9.1	4.3	26.7	4.9	7.8	12.5	1.0	8.4	7.0	8.8	–	4.3	9,428
1969/70	3.8	12.6	4.2	17.4	4.0	5.8	13.3	2.0	8.7	11.6	11.4	–	5.2	24,991
1979/80	6.2	14.4	5.1	20.1	4.3	3.8	5.3	3.2	8.0	8.3	6.7	6.8	7.8	22,291
1987/88	4.0	17.3	3.5	13.8	4.0	4.4	4.1	6.3	6.2	7.6	17.0	3.5	8.2	28,120
Middle East														
1949/50	5.6	5.9	3.7	32.1	4.8	11.0	6.9	–	6.0	9.0	15.0	–	–	1,803
1959/60	4.4	5.7	4.0	38.8	5.3	6.8	3.8	1.8	10.8	9.7	5.3	–	3.6	6,477
1969/70	2.1	9.2	3.1	36.4	4.9	3.5	5.6	3.2	10.6	12.1	4.5	–	4.8	13,278
1979/80	1.2	12.4	3.1	42.4	3.7	2.6	2.0	5.2	6.1	6.9	5.6	2.5	6.3	41,711
1987/88	1.4	13.5	2.6	34.8	2.8	4.4	1.8	12.0	6.5	7.3	6.1	2.6	4.2	26,217
North America														
1949/50	4.2	7.4	6.9	10.6	5.2	13.0	16.2	–	9.6	8.0	18.9	–	–	4,362
1959/60	1.7	10.8	8.4	16.3	5.6	8.8	16.1	1.7	11.1	10.8	7.1	–	1.6	5,761
1969/70	2.3	11.5	15.5	8.2	7.0	4.6	10.8	2.0	9.3	15.6	8.8	–	4.4	13,415
1979/80	2.0	12.5	12.8	7.5	9.8	6.6	10.8	1.8	5.8	10.7	10.0	0.2	9.5	8,698
1987/88	1.7	15.6	8.2	8.7	7.3	11.8	7.2	2.7	7.0	11.7	11.6	0.2	6.3	10,113
Oceania														
1949/50	–	–	–	–	–	–	–	–	–	–	–	–	–	–
1959/60	5.1	7.2	8.1	9.3	5.3	11.3	15.7	1.6	17.2	13.4	4.8	–	1.0	568
1969/70	3.4	10.3	16.6	7.6	5.5	5.3	9.0	3.3	11.5	15.2	7.3	–	5.0	2,077
1979/80	3.2	16.1	14.6	5.0	4.1	7.6	8.5	2.7	6.8	13.9	10.7	–	6.8	2,489
1987/88	1.2	19.5	7.7	5.6	4.9	3.9	7.9	8.6	4.4	12.0	9.0	5.2	9.9	2,324
ALL REGIONS														
1949/50	4.3	8.3	5.3	19.5	4.4	9.3	11.9	–	7.9	8.7	20.4	–	–	26,433
1959/60	3.3	8.5	5.1	23.3	5.0	7.6	10.4	2.1	12.9	11.9	6.8	–	3.1	48,486
1969/70	2.7	11.5	5.8	22.0	4.7	4.4	9.4	3.3	12.6	11.7	7.1	–	4.8	134,959
1979/80	3.0	15.9	4.8	25.0	4.5	3.9	5.0	4.8	8.3	9.1	6.5	2.4	6.8	150,878
1987/88	2.4	18.2	3.6	20.3	4.3	3.9	4.3	9.7	8.8	8.7	8.3	2.6	5.0	214,389

[1] *Fields of study in this category were not specified in 1949/50.*

– *No students were reported in this category.*

women: 33% of the Kenyan and 41% of the Ethiopean students were female.

ASIAN STUDENTS

The Asian region was formerly referred to in IIE publications as "South and East Asia". It comprises the subregions of East Asia, Southeast Asia, and South and Central Asia, but does not include the Middle East. For specific countries subsumed in each subregion, see **Appendix E**.

Exactly half (50%) of the 356,190 foreign students who attended U.S. institutions of higher education in 1987/88 came from Asia, by far the largest regional group. Over half of these students (28% of the total foreign student population) were from East Asia; close to an additional third (13% of all foreign students) were from Southeast Asia; and the remaining (9%) were from South and Central Asia (**Table 2.1**). The Asian students already made up over a third of all foreign students in the 60s and early 70s, but their share shrank in the late 70s and early 80s, partly because of a great influx of Middle Easterners. With the drastic decrease in Iranian and other Middle Eastern student numbers and a simultaneous increase in the flow of students from East Asia (particularly from China, which saw a twenty-five-fold increase in just under ten years) and Southeast Asia since 1979/80, Asia not only regained its lead, but reached an all time high by 1987/88 (**Table 2.2**).

Field of Study

The fields of study chosen by the largest group of students from Asia (23%) was engineering. Business and management was not far behind in popularity, however, attracting one-fifth of the students from this region (20%). Mathematics and computer science was chosen by a healthy 12%, the physical and life sciences drew 10%, while the proportion of Asians in each of the other fields of study was less than 8% (**Table 2.3 and Figure 2.A**).

The fields of study chosen by students from different countries and other places within Asia varied considerably. Students from Taiwan showed a greater preference for engineering (27%) and for mathematics and computer sciences (16%) than other Asians, and a lower interest in business and management (14%) (**Table 2.3**). The Chinese were unique in their extremely high enrollments in the physical sciences: over a quarter of the Chinese students here in 1987/88 were concentrating in this field (27%). Other fields of study that drew large proportions of Chinese were engineering (20%) and mathematics and computer sciences (13%). Conversely, they were much less likely than other Asian students to be found in business and management classes (7% as compared to an average of 20%). Three fields had large concentrations of Malaysians: business and management, with a little less than a third (31%); engineering, with more than a quarter (29%); and mathematics and computer sciences, with 10%. On the other hand, South Koreans were spread out more evenly among the different fields of study. Interestingly, they chose the social sciences almost twice as often as other Asians (14% compared to 8%), but were comparatively less enthusiastic about math and computer science and engineering. The overwhelming choice of Indians was engineering, selected by over one-third of them. Business and management (16%), math and computer sciences (14%), and the physical sciences (12%) accounted for most of the remaining Indians.

A comparison of present field-of-study distributions with those of the past three decades (**Table 2.4**) reveals comparatively little fluctuation in more recent years. The demand for business and management doubled in the 70s, but there's been virtually no change since 1979/80. Engineering, traditionally high, has remained so, and the physical sciences have lost only less than one percent in the last decade. Mathematics and computer science is the only field to display substantial growth in recent years; it has nearly doubled since 1979/80, from 7% to 12%. It is worth noting that the humanities, the health sciences, education, and agriculture, although never very popular, have attracted steadily declining shares of Asians.

Significant changes have occurred over time in the field-of-study choices of students from specific Asian countries (**Table 2.5**). Notable is the decrease in popularity of business and management among students from Taiwan, China, and India, which previously had been very much on the rise, as well as the dramatic increase in the number of Malaysians in that field. Malaysians showed growing preference for engineering in recent years, after many years of very stable enrollments there. The last twenty-eight years has seen an almost universal decline in social science and humanities enrollments, with only China showing a small increase in social science enrollments.

Academic Level

At 54%, Asia sent the highest proportion of graduate students of any world region (**Table 2.6 and Figure 2.B**). Undergraduates in 1987/88 made up less

2.5 *Field of Study of Foreign Students by Leading Place Within World Regions of Origin, Selected Years, 1949/50 - 1987/88*

REGION/ PLACE/YEAR	FIELD OF STUDY (Percentages)													Students Reported
	AGRI	BUS/ MGMT	EDUC	ENGR	FINE ARTS	HLTH SCI	HUM	MATH/ COMP	PHYS SCI	SOC SCI	OTHR[1]	INT ENGL	NOT DECL	
AFRICA														
Nigeria														
1949/50	2.3	3.4	11.4	8.5	0.6	17.6	20.4	...	9.1	10.2	16.5	...	...	176
1959/60	3.9	3.5	8.5	10.8	2.7	13.5	3.9	1.2	15.9	24.0	4.7	...	7.4	258
1969/70	4.7	14.4	7.0	13.1	3.1	9.7	4.7	1.9	14.9	18.4	4.4	...	3.7	1,851
1979/80	7.2	22.3	6.6	18.3	5.1	6.9	2.1	1.7	9.0	9.9	6.1	–	4.3	8,353
1987/88	3.1	26.2	9.9	9.8	3.9	8.7	3.2	4.6	5.5	13.7	8.6	0.1	2.9	4,978
South Africa														
1949/50	5.8	6.5	3.2	12.3	3.9	16.1	29.7	1.3	11.6	8.0	1.9	...	...	155
1959/60	5.5	6.6	3.3	9.9	8.3	12.7	21.0	2.7	14.9	13.3	–	...	1.7	181
1969/70	1.7	12.7	6.3	13.1	5.0	5.7	12.5	3.7	12.7	12.9	6.1	...	7.4	457
1979/80	2.2	14.3	6.4	10.4	7.1	8.8	13.0	2.5	6.4	16.3	7.9	–	7.4	645
1987/88	2.3	17.0	9.1	9.4	4.8	8.4	7.1	5.7	7.4	11.4	11.9	–	5.6	1,213
Egypt														
1949/50	15.5	4.9	5.7	18.0	2.9	6.9	2.6	...	10.6	9.4	23.5	...	...	349
1959/60	2.2	9.8	11.0	16.5	4.3	8.2	8.2	2.0	15.5	13.3	4.9	...	4.1	490
1969/70	4.8	7.7	2.0	30.9	3.0	5.2	8.1	3.4	16.3	11.8	2.9	...	3.9	1,015
1979/80	4.4	13.6	8.1	27.7	2.7	4.3	4.1	6.1	12.5	6.7	5.2	0.5	4.1	930
1987/88	7.3	11.4	2.4	32.8	3.9	6.0	4.2	8.6	10.3	5.9	4.2	1.1	2.0	1,318
Kenya														
1949/50	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1959/60	1.3	8.3	4.5	8.3	1.3	7.7	4.5	1.3	14.1	39.7	3.9	...	5.1	156
1969/70	5.7	12.2	6.3	7.7	1.6	5.1	4.9	2.2	13.8	27.3	8.3	...	4.9	492
1979/80	6.2	24.9	8.2	6.1	1.7	5.0	6.7	1.6	9.8	16.3	7.0	–	6.5	1,086
1987/88	5.3	23.9	7.1	9.5	1.8	5.4	6.3	7.1	6.6	12.2	9.7	–	5.1	1,160
Ethiopia														
1949/50	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1959/60	2.9	12.3	11.8	17.1	5.9	...	10.0	6.5	10.6	18.8	4.1	...	...	170
1969/70	7.0	15.6	7.0	15.2	3.1	5.7	2.2	0.4	7.8	23.2	9.1	...	3.7	540
1979/80	5.6	12.8	3.0	13.1	2.1	5.9	4.4	4.7	13.1	19.9	6.5	–	8.9	697
1987/88	3.9	18.4	1.6	14.2	1.1	10.5	2.6	9.9	9.8	9.2	10.3	1.5	7.1	1,086
ASIA														
Taiwan														
1949/50	3.9	6.9	6.8	21.9	4.0	4.7	8.5	...	10.9	12.0	20.4	...	...	3,637
1959/60	1.4	4.9	3.7	27.8	5.4	6.6	6.5	4.4	21.6	8.2	6.7	...	2.8	4,546
1969/70	3.2	6.6	3.6	28.9	2.9	2.5	4.9	8.7	25.0	6.2	3.8	...	3.7	12,029
1979/80	2.0	16.7	3.3	26.9	3.4	2.7	3.2	12.0	15.3	6.8	4.8	0.4	2.5	9,099
1987/88	2.3	14.2	4.0	27.3	3.9	3.2	2.4	16.0	11.5	5.7	5.3	1.9	2.2	15,446
China														
1949/50	–	–	–	–	–	–	–	–	–	–	–	–	–	–
1959/60	–	–	–	–	–	–	–	–	–	–	–	–	–	–
1969/70	–	–	–	–	–	–	–	–	–	–	–	–	–	–
1979/80	7.3	10.9	5.3	12.7	3.2	4.4	5.6	9.1	16.5	6.5	3.5	8.6	6.2	339
1987/88	2.3	7.0	3.2	20.4	3.2	2.9	5.1	13.2	26.8	8.0	4.2	1.8	2.0	14,870
India														
1949/50	8.1	5.9	4.8	36.5	2.6	5.4	4.9	...	8.0	6.0	17.8	...	...	1,359
1959/60	4.4	8.4	3.4	34.1	1.7	6.0	4.2	3.3	19.6	9.1	3.1	...	2.7	3,772
1969/70	2.8	7.1	2.5	48.8	1.6	2.2	3.6	3.3	17.4	5.8	2.0	...	2.9	11,327
1979/80	1.6	20.5	2.1	30.7	1.7	3.0	4.1	6.6	16.3	6.5	1.0	–	2.9	5,073
1987/88	1.3	16.4	1.6	34.1	1.6	2.9	2.3	14.2	11.8	6.3	4.9	0.1	2.4	12,691
Korea, Rep. of														
1949/50	2.7	3.5	6.6	8.1	7.0	8.1	19.4	...	6.6	17.5	20.5	...	...	258
1959/60	1.2	9.7	3.9	14.4	6.3	6.2	11.4	2.5	13.8	28.0	2.6	...	...	2,474
1969/70	2.0	10.8	3.9	20.7	7.2	3.1	10.7	5.2	15.0	14.3	3.9	...	3.2	3,991
1979/80	1.7	15.5	2.9	17.5	8.5	2.2	10.1	5.2	10.8	13.8	5.0	1.4	5.4	2,633
1987/88	2.2	16.7	3.8	18.8	5.4	1.6	6.4	10.2	12.2	13.6	5.2	1.5	2.5	12,239
Malaysia														
1949/50	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1959/60	1.3	7.3	6.0	15.4	9.4	12.8	11.1	3.8	16.7	9.4	5.1	...	1.7	234
1969/70	8.1	11.2	5.6	13.6	3.5	5.6	6.0	4.4	19.9	15.5	4.4	...	2.2	663
1979/80	6.2	21.6	6.6	13.3	2.7	2.1	3.1	10.0	13.9	6.7	6.9	0.2	6.7	2,358
1987/88	1.9	31.1	3.0	28.7	6.3	1.4	1.2	9.6	3.2	5.6	3.2	0.7	3.9	12,405

2.5 *(continued)*

REGION/ PLACE/YEAR	FIELD OF STUDY (Percentages)													Students Reported
	AGRI	BUS/ MGMT	EDUC	ENGR	FINE ARTS	HLTH SCI	HUM	MATH/ COMP	PHYS SCI	SOC SCI	OTHR[1]	INT ENGL	NOT DECL	
EUROPE														
United Kingdom														
1949/50	1.1	6.3	2.8	14.6	5.6	13.5	13.5	. . .	10.6	9.8	22.2	. . .	. . .	829
1959/60	2.6	6.5	2.9	9.8	4.1	12.4	15.7	2.2	17.9	17.3	5.5	. . .	3.1	993
1969/70	1.6	12.7	6.9	11.4	6.7	3.5	12.2	2.3	12.0	15.8	7.7	. . .	7.2	4,216
1979/80	1.7	14.2	6.0	10.6	7.3	4.6	10.5	3.8	10.1	12.9	8.5	–	9.8	2,572
1987/88	0.8	16.6	6.0	8.2	6.9	3.1	7.3	4.5	8.6	15.7	12.3	0.1	9.8	3,968
Germany, F.R.														
1949/50	1.3	3.7	7.5	4.8	4.2	4.3	19.9	. . .	7.2	21.0	26.1	. . .	. . .	671
1959/60	1.9	5.5	2.1	10.6	5.5	5.8	26.3	1.7	11.7	15.6	10.0	. . .	3.3	720
1969/70	1.3	9.3	4.0	11.0	5.2	3.5	25.1	1.9	8.7	14.2	9.0	. . .	6.8	2,634
1979/80	0.8	10.4	3.1	8.3	5.9	3.6	17.0	5.4	9.9	13.1	10.7	1.2	10.6	1,731
1987/88	0.9	13.8	1.8	8.1	6.5	2.0	13.7	5.7	12.6	13.8	10.5	0.7	9.9	3,351
France														
1949/50	1.6	8.5	3.2	11.5	2.6	4.9	16.0	. . .	6.7	13.4	31.6	. . .	. . .	506
1959/60	1.4	13.3	1.8	18.2	3.8	7.3	18.9	2.3	13.5	10.1	7.5	. . .	1.9	572
1969/70	0.9	17.7	1.9	17.1	4.3	2.0	25.6	1.8	7.3	10.8	5.5	. . .	5.1	1,977
1979/80	0.9	17.8	1.1	17.6	6.4	6.7	16.5	2.5	5.5	8.4	6.0	1.8	8.8	1,255
1987/88	1.1	23.1	1.3	12.1	5.2	2.7	12.1	5.1	8.0	7.7	10.9	2.2	8.4	2,451
Greece														
1949/50	1.5	7.6	3.3	19.5	3.9	8.7	13.0	. . .	10.2	10.8	21.5	. . .	. . .	461
1959/60	1.9	6.1	5.2	29.9	4.2	4.8	7.5	3.3	14.5	12.0	6.9	. . .	3.7	1,095
1969/70	1.2	6.2	2.3	31.8	5.1	2.2	10.3	3.8	13.1	12.3	6.7	. . .	5.0	1,811
1979/80	1.3	12.8	2.3	32.7	4.2	2.0	4.7	5.4	11.8	10.8	5.2	1.3	5.5	1,623
1987/88	1.1	12.3	2.6	26.3	4.6	2.5	3.1	13.5	13.0	9.8	6.1	0.9	4.1	2,310
Spain														
1949/50	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	132
1959/60	1.5	9.3	3.0	13.4	3.7	5.9	35.7	1.9	13.0	11.5	1.1	–	–	276
1969/70	2.0	8.0	6.5	15.7	2.6	1.6	37.4	1.6	9.5	14.8	–	–	–	494
1979/80	3.5	12.9		2.4	16.0	4.2	13.4	4.5	10.6	113.4	5.4	2.8	8.5	425
1987/88	2.1	17.7	2.6	7.6	5.1	3.4	16.0	6.0	6.7	13.7	8.7	4.3	6.4	1,398
LATIN AMERICA														
Mexico														
1949/50	5.0	9.6	1.9	23.8	3.9	5.7	16.4	. . .	5.1	3.3	25.3	. . .	. . .	825
1959/60	5.8	9.7	2.3	16.8	4.7	3.1	37.6	0.7	7.5	3.9	6.1	. . .	1.8	1,356
1969/70	3.9	15.3	4.2	16.9	5.1	4.7	15.2	3.6	7.7	10.9	7.2	. . .	5.3	2,501
1979/80	5.8	10.7	4.2	16.0	4.0	2.9	3.6	3.6	7.4	8.1	7.1	20.0	6.6	3,642
1987/88	5.6	16.8	2.6	12.2	4.3	2.4	7.4	8.8	7.5	9.1	6.8	10.0	6.6	3,388
Venezuela														
1949/50	5.6	9.2	7.9	30.9	3.6	9.9	4.0	. . .	4.9	2.5	21.5	. . .	. . .	446
1959/60	3.2	9.1	1.3	47.0	4.5	2.9	4.4	0.6	8.5	8.0	7.7	. . .	2.8	1,126
1969/70	6.0	14.2	1.8	29.1	4.6	3.8	13.8	1.4	9.2	7.8	4.8	. . .	3.5	1,722
1979/80	7.3	10.8	4.4	30.4	4.0	1.2	4.6	3.5	7.6	4.0	5.3	7.9	9.0	5,127
1987/88	2.9	17.8	3.4	19.7	5.8	3.0	2.7	10.6	6.1	5.5	13.5	3.2	5.8	2,264
Colombia														
1949/50	4.1	10.8	0.9	33.2	9.8	6.6	5.3	. . .	4.8	4.6	19.9	. . .	. . .	582
1959/60	7.3	8.3	1.6	38.8	4.5	9.2	6.4	0.6	7.4	7.7	6.0	. . .	2.2	687
1969/70	6.9	11.8	4.4	21.0	3.5	3.5	16.0	1.9	9.0	12.8	4.1	. . .	5.1	2,045
1979/80	6.5	17.1	3.8	19.7	3.7	3.3	5.1	3.7	6.9	8.7	6.4	5.5	96.0	1,446
1987/88	4.0	14.9	3.2	14.4	5.4	3.6	4.5	6.3	6.3	8.6	17.1	5.7	6.0	2,187
Brazil														
1949/50	3.8	8.0	3.5	33.8	5.2	6.2	9.2	. . .	6.6	7.6	16.1	. . .	. . .	423
1959/60	1.1	8.2	11.6	21.1	5.1	8.7	12.0	1.1	9.9	10.8	4.7	. . .	5.7	473
1969/70	6.6	10.1	4.9	19.0	4.6	3.0	13.1	3.4	10.5	16.2	4.7	. . .	3.9	1,349
1979/80	10.4	11.5	6.6	15.5	6.2	3.0	7.7	3.7	9.9	10.8	6.0	1.6	7.1	1,591
1987/88	6.2	13.1	5.1	12.7	6.4	2.9	6.4	6.6	9.0	10.5	12.7	4.3	4.6	1,753
Peru														
1949/50	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .
1959/60	8.2	13.1	5.1	29.4	22.6	0.3	16.5	–	1.0	2.3	–	–	–	388
1969/70	4.8	19.6	2.9	23.0	3.1	3.9	16.7	2.9	13.1	15.3	0.7	–	–	1,134
1979/80	2.3	21.9	3.1	25.1	3.9	2.4	5.6	3.0	6.6	10.6	5.6	2.0	8.3	933
1987/88	3.1	21.6	2.6	14.7	3.9	1.3	5.3	6.3	5.5	11.0	15.2	3.6	5.9	1,397

2.5 *(continued)*

REGION/ PLACE/YEAR	FIELD OF STUDY (Percentages)													Students Reported
	AGRI	BUS/ MGMT	EDUC	ENGR	FINE ARTS	HLTH SCI	HUM	MATH/ COMP	PHYS SCI	SOC SCI	OTHR[1]	INT ENGL	NOT DECL	
MIDDLE EAST														
Iran														
1949/50	3.0	8.1	3.2	18.9	4.0	20.0	11.4	. . .	5.4	10.7	15.3	. . .	. . .	570
1959/60	5.9	3.6	2.9	43.9	6.3	9.2	3.0	1.4	9.6	5.8	4.6	. . .	3.8	2,507
1969/70	1.9	6.9	1.9	44.7	4.6	3.0	4.8	3.3	10.5	9.3	3.5	. . .	5.6	5,175
1979/80	1.2	11.5	2.5	44.7	4.3	2.5	1.5	5.9	6.6	5.8	5.7	1.3	6.5	25,526
1987/88	1.6	5.6	2.3	31.3	2.1	9.7	1.4	12.5	13.9	5.3	8.7	1.3	4.3	5,978
Lebanon														
1949/50	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .
1959/60	1.0	6.1	3.1	45.4	3.9	5.8	2.9	2.2	11.7	8.6	5.9	. . .	3.4	590
1969/70	0.9	9.7	2.2	41.8	4.6	6.3	4.7	3.7	9.6	8.7	4.2	. . .	3.6	1,020
1979/80	0.8	11.9	0.7	52.1	3.1	3.6	1.3	4.0	4.6	2.7	5.9	4.3	5.0	3,097
1987/88	1.3	14.4	1.0	45.5	3.3	4.9	1.3	9.2	4.2	4.3	5.9	1.2	3.5	3,476
Saudi Arabia														
1949/50	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .
1959/60	4.3	15.1	1.1	20.4	2.1	6.5	1.1	. . .	7.5	23.7	16.1	. . .	2.1	93
1969/70	1.3	12.8	2.9	31.9	3.1	1.2	3.2	3.1	7.7	18.5	7.3	. . .	7.0	1,029
1979/80	1.2	14.5	7.4	30.0	2.1	2.8	2.0	3.9	4.2	12.9	5.6	6.6	6.8	4,795
1987/88	1.5	15.9	5.0	26.0	1.9	3.2	2.2	14.2	3.1	12.5	5.3	5.2	4.0	3,489
Jordan														
1949/50	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .
1959/60	2.9	6.6	3.4	33.4	2.0	7.7	2.0	2.5	16.4	16.4	4.0	. . .	2.7	556
1969/70	1.2	11.8	4.2	33.2	1.9	4.5	5.9	3.9	114.0	12.4	6.2	. . .	3.4	909
1979/80	0.4	10.4	2.8	50.8	2.0	1.7	2.6	4.8	4.2	5.1	4.7	4.6	5.9	2,236
1987/88	0.9	17.3	2.0	38.8	2.6	2.2	2.8	11.4	4.2	6.2	4.9	2.9	3.7	3,153
Kuwait														
1949/50	–	–	–	–	–	–	–	–	–	–	–	–	–	–
1959/60	–	–	2.0	69.5	4.1	2.0	14.3	–	2.0	2.0	4.1	. . .	–	49
1969/70	1.2	6.9	2.2	45.4	5.6	3.8	1.6	4.7	10.7	12.2	3.8	. . .	1.9	319
1979/80	0.4	16.3	4.1	46.6	1.9	1.7	2.4	3.5	3.3	5.7	6.1	3.6	4.4	1,383
1987/88	0.5	18.0	2.5	36.9	1.2	1.8	1.4	14.0	2.2	6.1	6.9	3.6	4.9	1,982
NORTH AMERICA														
Canada														
1949/50	4.2	7.4	6.9	10.6	5.2	13.0	16.2	. . .	9.6	8.0	18.9	. . .	. . .	4,362
1959/60	1.7	10.8	8.3	16.4	5.6	8.5	16.2	1.7	11.1	10.9	6.9	. . .	1.5	5,679
1969/70	2.4	11.4	15.5	8.3	6.9	4.6	10.8	2.0	9.3	15.6	8.9	. . .	4.3	13,318
1979/80	2.0	12.1	12.7	7.6	10.0	6.6	11.0	1.7	5.8	10.7	10.0	0.2	9.6	8,434
1987/88	1.7	15.0	8.0	8.7	7.3	12.1	7.3	2.6	7.1	11.7	11.9	0.2	6.4	9,680
OCEANIA														
Australia														
1949/50	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .
1959/60	6.8	6.5	6.5	12.5	5.7	7.4	16.9	1.6	17.2	14.2	3.6	. . .	1.1	367
1969/70	4.1	9.2	13.0	9.0	7.1	4.4	11.7	3.1	11.6	16.2	6.0	. . .	4.6	1,077
1979/80	2.7	9.2	15.2	5.6	8.1	6.2	15.2	3.4	11.0	11.7	6.2	–	5.5	913
1987/88	2.2	11.5	10.2	6.7	8.4	7.3	14.7	3.2	6.1	14.0	10.6	0.1	5.1	823
Pacific Is. Trust Terr.														
1949/50	7.1	7.1	14.3	7.1	–	35.7	–	–	–	29.6	–	. . .	. . .	14
1959/60	2.6	21.1	25.0	2.6	–	5.3	13.2	3.6	2.6	36.8	7.9	. . .	2.6	38
1969/70	0.3	11.7	24.5	6.1	2.1	12.0	2.8	1.8	5.2	16.9	12.6	. . .	4.0	326
1979/80	2.9	23.1	15.4	4.7	1.0	8.0	1.5	1.4	3.0	15.4	14.9	–	8.5	1,192
1987/88	0.3	25.6	3.4	6.8	1.3	1.3	1.3	17.2	1.6	11.8	8.0	1.3	20.2	763

[1] *Fields of study in this category were not specified in 1949/50.*

– *No students were reported in this category.*

. . . *Data are not available for this category.*

2.6 *Academic Level of Foreign Students by World Region and Leading Place of Origin, 1987/88*

WORLD REGION/ LOCALITY	ACADEMIC LEVEL			Students Reported
	Under-graduate	Graduate	Other	
AFRICA	**55.6**	**41.4**	**3.1**	**17,372**
Nigeria	59.3	39.0	1.7	4,981
South Africa	57.2	41.0	1.8	1,217
Egypt	29.2	66.5	4.3	1,290
Kenya	68.7	29.8	1.5	1,161
Ethiopia	74.0	22.6	3.4	1,098
ASIA	**41.2**	**53.6**	**5.2**	**106,179**
Taiwan	17.4	78.6	4.0	15,192
China	14.8	80.8	4.4	14,487
India	24.0	73.2	2.9	12,400
Korea, Rep. of	24.1	73.5	2.4	12,083
Malaysia	77.3	20.8	1.9	12,312
EUROPE	**50.5**	**42.2**	**7.3**	**22,599**
United Kingdom	55.2	37.2	7.6	4,012
Germany, F.R.	44.3	46.4	9.3	3,341
France	44.1	45.9	9.9	2,413
Greece	42.7	53.9	3.4	2,267
Spain	49.3	42.7	8.0	1,423
LATIN AMERICA	**68.7**	**25.1**	**6.3**	**28,539**
Mexico	48.4	37.1	14.4	3,373
Venezuela	68.9	24.4	6.7	2,305
Colombia	61.6	29.7	8.7	2,251
Brazil	43.5	48.2	8.3	1,785
Peru	63.3	28.8	8.0	1,405
MIDDLE EAST	**63.3**	**31.5**	**5.2**	**26,118**
Iran	59.1	36.9	3.9	6,020
Lebanon	68.2	27.7	4.0	3,359
Saudi Arabia	57.3	35.7	7.0	3,480
Jordan	70.4	24.8	4.8	3,171
Kuwait	79.8	13.9	6.3	1,982
NORTH AMERICA	**60.4**	**36.8**	**2.8**	**10,092**
Canada	59.1	38.0	2.9	9,663
OCEANIA	**66.2**	**30.3**	**3.5**	**2,279**
Australia	37.7	57.7	4.6	826
Pacific Island Trust Terr.	96.3	2.0	1.7	712
ALL REGIONS	**50.9**	**43.8**	**5.3**	**213,178**

than half of the Asian student population with 41% studying at this level; the remaining 5% attended Intensive English Language, technical training, and non-degree programs. High as the percentage of graduate students from Asia may seem when compared to other regions, it was actually even higher in the late 60s; it was closer to 60%. Since 1959, the majority of Asian students in the U.S. have been consistently graduate students (**Table 2.7**).

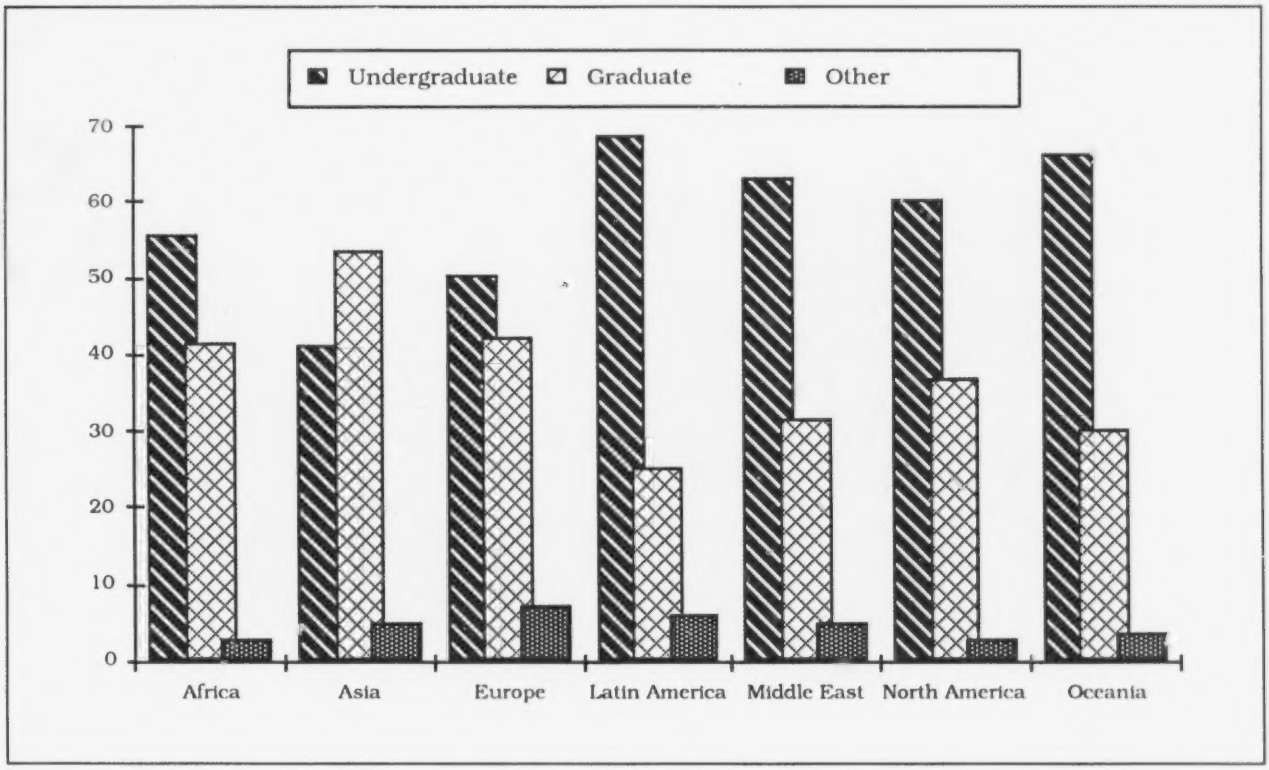
The distribution of Asian students by academic level varied widely from place to place (**Table 2.6 and Figure 2.B**). Over eight-tenths (81%) of the students from China were enrolled in graduate programs. Graduate student made up close to three quarters of the foreign student populations from Taiwan (79%), Korea (74%), and India (73%), the highest proportions within any national group worldwide. By sharp contrast, only 21% of the Malaysians studied at the graduate level.

The proportions of graduate students from Taiwan, India, and the Republic of Korea traditionally have been large. India has had a graduate foreign student population of close to two thirds since 1954, and most other countries have been above 50% since the late 60s (**Table 2.8**). Similarly, the Chinese foreign student population has been characterized by an increasing numerical dominance of graduate students over the years; two-thirds of the Chinese were studying at the graduate level in 1979/80, but as many as 81% did so in 1987/88. The academic level of Malaysians has been less consistent. The proportion of graduate students, less than 30% until the early 60s, reached 44% by 1969/70, then declined slowly during the 70s and then more rapidly during the 80s, dropping 24 percentage points in the last two decades.

Undergraduate Students

Almost two-thirds (64%) of the undergraduates from Asia were men (**Table 2.9 and Figure 2.C**). Asian undergraduates were concentrated in the fields of business and management (28%), engineering (22%), and mathematics and computer science (13%) (**Table 2.10**). Engineering was pursued by a comparatively very large percentage of Malaysians (34%) and a surprisingly small percentage of South Koreans (11%), and Taiwanese (17%). Undergraduates from Taiwan and Malaysia chose business and management much more often than other Asian undergraduates (27% and 31% respectively), while Indians showed the least interest in this field (19%). South Koreans showed a much higher than average preference for the social sciences (8%) and the humanities (4%). Math and computer science was

2.B *Academic Level of Foreign Students by World Region of Origin, 1987/88*



very popular with undergraduates from all leading Asian countries, with the exception of Malaysia.

Graduate Students

Just under three out of four graduate students (74%) from Asia were men in 1987/88, as indicated in **Table 2.9 and Figure 2.C**. Their field-of-study choices were more diversified than those of the undergraduate students. The most popular field of study was engineering, chosen by about one-quarter, a proportion three points over that of undergraduates (**Table 2.10**). About 15% selected business and management, which attracted as many as 28% of the undergraduates. Conversely, four times as many graduate as undergraduate students (16% compared to 4%) studied the physical and life sciences. Also, sizeable groups of Asian graduate students chose mathematics and computer sciences (12%) and the social sciences (at 10%,a proportion twice as large as the share of undergraduates in this field).

Data on the field-of-study distributions of graduate students from leading countries and places in Asia, presented in **Table 2.10**, reveal a number of differences. The graduate students from China showed an atypically strong preference for the physical sciences (31%) and comparatively little interest in business and management fields (5%). Indian graduate students selected engineering in very high proportions (38%), and tended to avoid the social sciences (7% as opposed to 10% for the regional average). South Koreans chose the social sciences more often than other Asians (16%) and mathematics and computer science less often (9%). A strikingly large percentage of Malaysian graduate students (30%) pursued business and management, and a relatively small percentage (12%) enrolled in engineering courses and physical science courses (6%).

Gender

Among Asian students, 69% were men in 1987/88 (**Table 2.11 and Figure 2.D**), but this proportion was not uniform for all leading places in this region.

India and the Republic of Korea sent much higher than average proportions of males (79% and 80%, respectively), while Taiwan and Malaysia sent slightly more women than the region overall (36% and 33%, respectively).

EUROPEAN STUDENTS

About 11% of the foreign student population in the United States consisted of Europeans in 1987/88, almost all coming from Western Europe (**Table 2.1**). The proportion of Europeans was almost twice as high in 1949/50 (21%) but declined steadily during the 1950s, reaching 13% by the end of the decade (**Table 2.2**). A relatively small increase in the number of incoming Europeans and a virtual explosion in student numbers from other world regions during the 70s brought the European share down to 8% of all foreign students by 1979/80. Since then it has been climbing slowly, reaching 11% by 1987/88.

Field of Study

Business and management was the field that attracted most European students in 1987/88, accounting for 18% of them. European enrollments declined in engineering departments and increased in social science departments, so that engineering and the social sciences now shared second place as the most popular fields, each with 13%. (**Table 2.3 and Figure 2.A**). The field-of-study choices of Europeans differed significantly from those of other regional groups. A much higher proportion of Europeans than of foreign students overall (9% compared to 4%) enrolled in the humanities and less than 12% of the European students majored in engineering, compared to 20% of the total foreign student population. Europeans, further, showed lower-than-average interest in mathematics and computer science, with less than 7% choosing that field.

Historical comparison (**Table 2.4**) shows that European enrollments in business and management have increased steadily since 1960, doubling to 14% by 1980 and climbing to 18% in 1987/88. Demand for the humanities and engineering has declined over the last two decades, but European proportions in the social sciences and the physical and life sciences have remained fairly constant during the 70s and 80s.

Field-of-study choices varied from country to country in 1987/88, with Greece being the most atypical. As indicated in **Table 2.3**, Greek students were heavily concentrated in both engineering (26%) and mathematics and computer sciences (14%),

2.7 Academic Level of Foreign Students by World Region of Origin, Selected Years, 1954/55 - 1987/88

WORLD REGION/ YEAR	ACADEMIC LEVEL			Students Reported
	Under-graduate	Graduate	Other	
AFRICA				
1954/55	48.5	46.6	4.9	1,204
1959/60	48.1	42.9	9.0	1,892
1969/70	48.2	46.5	5.3	7,357
1979/80	61.2	35.4	3.4	18,461
1987/88	55.6	41.4	3.1	17,372
ASIA				
1954/55	46.5	47.8	5.7	9,957
1959/60	37.1	53.5	9.4	17,421
1969/70	36.5	59.0	4.5	49,602
1979/80	41.9	53.3	4.8	40,730
1987/88	41.2	53.6	5.2	106,179
EUROPE				
1954/55	46.0	43.2	10.8	5,070
1959/60	45.3	46.1	8.6	6,141
1969/70	41.0	48.7	10.3	17,681
1979/80	48.1	43.5	8.4	12,264
1987/88	50.5	42.2	7.3	22,599
LATIN AMERICA				
1954/55	71.9	20.4	7.7	8,232
1959/60	73.5	19.6	6.9	9,098
1969/70	62.5	27.3	10.2	24,342
1979/80	63.8	26.1	10.1	23,163
1987/88	68.7	25.1	6.3	28,539
MIDDLE EAST				
1954/55	63.9	32.2	3.9	3,990
1959/60	67.3	27.8	4.9	6,283
1969/70	60.1	35.0	4.9	12,731
1979/80	71.1	23.0	5.9	39,647
1987/88	63.3	31.5	5.2	26,118
NORTH AMERICA				
1954/55	64.2	30.9	4.9	4,614
1959/60	64.0	32.4	3.6	5,678
1969/70	56.7	40.4	2.9	12,918
1979/80	67.9	29.9	2.2	8,466
1987/88	60.4	36.8	2.8	10,092
OCEANIA				
1954/55	36.7	58.8	4.5	330
1959/60	39.2	56.8	4.0	556
1969/70	46.9	46.8	6.3	2,026
1979/80	63.5	33.6	2.9	2,426
1987/88	66.2	30.3	3.5	2,279
ALL REGIONS				
1954/55	57.2	36.2	6.6	33,439
1959/60	53.0	39.6	7.4	47,159
1969/70	48.5	45.3	6.2	130,500
1979/80	58.1	35.9	6.0	146,406
1987/88	50.9	43.8	5.3	213,178

choosing these fields more than twice as often as Europeans overall. On the other hand, Greece had the lowest percentages of all European nations in fine arts, the humanities, and business and management (5%, 3%, and 12%, respectively). Spain led in the humanities (16%) with two percent more than Germany's 14%. France led in business and management (23%). The smallest proportion of engineering students appeared in the Spanish group (8%), which also had the smallest proportion in physical sciences (7%). Compared to other Europeans, a higher proportion of students from the United Kingdom studied education and fine arts, but fewer sought majors in math and computer science.

Students from all leading European countries have been choosing business and management and mathematics and computer science programs in increasingly larger percentages since 1949/50, while proportionately fewer have been selecting the social sciences and engineering (**Table 2.5**). British student interest in engineering is almost half what it was in 1950, though concentrations in business and management and math and computer science have more than doubled since that time. France has seen the greatest exodus of students from the social sciences, while its enrollments in engineering are higher than the regional pattern. The preference of Greek students for engineering, after rising by 15 percentage points between 1950 and 1980, would also appear to have slackened in recent years, while the demand for the humanities has plunged. West German students follow regional historical patterns with greater enrollments (13%) in the physical and life sciences.

Academic Level

A relatively high percentage of European students (42%) studied at the graduate level in 1987/88, a percentage higher than any other regional group's except Asian's (54%), (**Table 2.6 and Figure 2.B**). Just over half (51%) of the Europeans were undergraduate students, and another relatively large group (7%) enrolled in non-degree, Intensive English Language, and technical training programs.

The proportion of students from Europe who studied at the graduate level has been consistently high over the last 33 years. From 43% in the mid 50s, it climbed to a peak of 49% in 1969/70, and returned to its former level (42%) by 1987/88 (**Table 2.7**). Only in the 80s has the number of European undergraduates grown to more than half (51%). This is explained partly by a decline in the numbers of graduate students and partly by a decline in the numbers enrolled in "other" levels.

Country analyses presented in **Table 2.6** show that Greece had a higher percentage of graduate students not only in comparison to other European countries, but most other leading world regions as well. The Federal Republic of Germany (46%) and France (46%) sent proportionately more graduate students than Europe overall, and the United Kingdom (37%) sent fewer.

The distributions of students from the leading European countries according to academic level have not been consistent over time (**Table 2.8**). The percentage of undergraduate British students has climbed steadily; from 28% in 1954/55, undergraduate enrollments nearly doubled by 1987/88, while graduate proportions fell from 61% to 37%. The opposite is true for Greek students. Fewer than 30% of them were enrolled in graduate programs prior to 1960, but ten years later, the proportion had climbed to 40%, and since 1980, it has jumped to nearly 54%. West German undergraduate enrollments, on the rise since the late 70s, fell slightly in the 1980s, but graduate proportions returned to the upper 40th percentiles after a sharp drop in the late 70s. The percentage of French graduate students rose from 47% in 1954/55 to 64% by 1970, but since then has again dropped to 46%. Spanish graduate enrollments, which were on the rise until the late 50's, saw a drop in more recent years to levels below 1954/55.

Undergraduate Students

Six out of every ten European undergraduate students in 1987/88 were men (**Table 2.9 and Figure 2.C**). Most of these undergraduates studied business and management (24%), "other" fields such as liberal arts, law and communications, (15%), and engineering and the social sciences (10% each) (**Table 2.10**). Comparatively smaller proportions were enrolled in each of the other fields of study, and a relatively large percentage did not have a declared major (12%).

The fields of study that undergraduates from different European countries chose varied substantially. Undergraduates from the United Kingdom selected education and health sciences more often than others. Twice as many Greek undergraduates studied engineering as did any other European group (20%), and much higher-than-average shares of Greeks chose mathematics and computer sciences (16)%, compared to the European average of 6%). By contrast, lower-than-average proportions of Greeks chose business and management (16%). The French were strongest in business and management, with 27% concentrating there, while the

2.8 *Academic Level of Foreign Students by Leading Place Within World Regions of Origin, Selected Years, 1954/55 - 1987/88*

WORLD REGION/ YEAR	ACADEMIC LEVEL			Students Reported
	Undergraduate	Graduate	Other	
AFRICA				
Nigeria				
1954/55	49.2	46.6	4.2	264
1959/60	62.7	33.5	3.8	236
1969/70	53.7	42.1	4.2	1,811
1979/80	70.9	26.7	2.4	7,868
1987/88	59.3	39.0	1.7	4,981
South Africa				
1954/55	48.1	48.1	3.9	154
1959/60	47.5	49.7	2.8	179
1969/70	30.7	44.3	8.0	528
1979/80	45.1	49.6	5.3	645
1987/88	57.2	41.0	1.8	1,217
Egypt				
1954/55	25.6	70.9	3.5	340
1959/60	22.7	74.2	3.1	484
1969/70	13.4	80.8	5.8	975
1979/80	21.3	75.1	3.6	891
1987/88	29.2	66.5	4.3	1,290
Kenya				
1954/55	63.2	21.0	15.8	19
1959/60	78.2	15.2	6.6	151
1969/70	54.4	42.9	2.7	478
1979/80	73.2	25.4	1.4	1,013
1987/88	68.7	29.8	1.5	1,161
Ethiopia				
1954/55	55.0	33.3	11.7	60
1959/60	44.6	39.7	15.7	166
1969/70	51.8	41.6	6.6	529
1979/80	56.9	40.4	2.7	666
1987/88	74.0	22.6	3.4	1,098
ASIA				
Taiwan				
1954/55	50.4	46.8	2.8	2,505
1959/60	45.8	51.1	3.1	4,454
1969/70	19.4	77.3	3.3	11,718
1979/80	14.7	82.6	2.7	8,814
1987/88	17.4	78.6	4.0	15,192
China				
1954/55	–	–	–	–
1959/60	–	–	–	–
1969/70	–	–	–	–
1979/80	19.7	65.3	14.9	329
1987/88	14.8	80.8	4.4	14,487

WORLD REGION/ YEAR	ACADEMIC LEVEL			Students Reported
	Undergraduate	Graduate	Other	
India				
1954/55	28.8	68.2	3.0	1,624
1959/60	22.9	68.6	8.5	3,674
1969/70	18.7	78.0	3.3	11,045
1979/80	20.7	76.5	2.8	4,873
1987/88	24.0	73.2	2.9	12,400
Korea, Rep. of				
1954/55	69.0	26.0	5.0	1,186
1959/60	46.2	45.5	8.3	2,431
1969/70	28.7	66.7	4.6	3,911
1979/80	26.3	69.4	4.3	2,557
1987/88	24.1	73.5	2.4	12,083
Malaysia				
1954/55	71.0	25.8	3.2	186
1959/60	69.4	28.0	2.6	232
1969/70	52.2	44.0	3.8	654
1979/80	64.5	34.2	1.3	2,085
1987/88	77.3	20.8	1.9	12,312
EUROPE				
United Kingdom				
1954/55	28.1	61.4	10.5	697
1959/60	26.7	68.3	5.0	902
1969/70	39.1	53.7	7.2	3,999
1979/80	50.2	44.4	5.4	2,433
1987/88	55.2	37.2	7.6	4,012
Germany, F.R.				
1954/55	37.6	45.9	16.5	728
1959/60	36.8	48.8	14.4	687
1969/70	38.1	48.9	13.0	2,514
1979/80	44.9	41.7	13.4	1,698
1987/88	44.3	46.4	9.3	3,341
France				
1954/55	42.0	46.5	11.5	460
1959/60	37.3	55.8	6.9	563
1969/70	26.7	63.9	9.4	1,886
1979/80	35.1	56.4	8.5	1,267
1987/88	44.1	45.9	9.9	2,413
Greece				
1954/55	70.3	26.2	3.5	860
1959/60	67.1	28.5	4.4	1,058
1969/70	53.3	39.5	7.2	1,740
1979/80	57.6	38.8	3.6	1,483
1987/88	42.7	53.9	3.4	2,267

2.8 *(continued)*

WORLD REGION/ YEAR	ACADEMIC LEVEL			Students Reported
	Undergraduate	Graduate	Other	
Spain				
1954/55	47.5	46.5	6.0	200
1959/60	37.8	54.7	7.5	265
1969/70	36.3	54.1	9.5	482
1979/80	39.5	51.0	9.5	433
1987/88	49.3	42.7	8.0	1,423
LATIN AMERICA				
Mexico				
1954/55	55.3	39.0	5.7	1,238
1959/60	80.3	15.6	4.1	1,331
1969/70	59.4	31.7	8.9	2,404
1979/80	44.9	33.0	2.1	3,597
1987/88	48.4	37.1	14.4	3,373
Venezuela				
1954/55	85.5	8.6	5.9	846
1959/60	80.5	12.8	6.7	1,098
1969/70	55.5	29.4	15.1	1,680
1979/80	67.3	18.8	13.9	5,116
1987/88	68.9	24.4	6.7	2,305
Colombia				
1954/55	76.5	13.6	9.9	1,247
1959/60	65.0	25.3	9.7	671
1969/70	47.1	35.9	17.0	1,999
1979/80	67.3	24.6	8.1	1,521
1987/88	61.6	29.7	8.7	2,251
Brazil				
1954/55	52.8	38.8	8.4	489
1959/60	38.6	42.4	19.0	458
1969/70	28.6	57.2	14.2	1,307
1979/80	31.1	62.1	6.8	1,569
1987/88	43.5	48.2	8.3	1,785
Peru				
1954/55	73.4	18.0	8.5	271
1959/60	76.9	18.2	4.8	373
1969/70	–	–	–	1,149
1979/80	67.9	25.3	6.8	972
1987/88	63.3	28.8	8.0	1,405
MIDDLE EAST				
Iran				
1954/55	65.2	30.4	4.4	973
1959/60	79.5	16.2	4.3	2,420
1969/70	69.7	24.7	5.6	4,949
1979/80	74.1	20.8	5.1	24,069
1987/88	59.1	36.9	3.9	6,020

WORLD REGION/ YEAR	ACADEMIC LEVEL			Students Reported
	Undergraduate	Graduate	Other	
Lebanon				
1954/55	65.5	29.7	4.8	249
1959/60	70.8	27.3	1.9	576
1969/70	65.2	32.6	2.2	978
1979/80	83.8	11.8	4.9	3,010
1987/88	68.2	27.7	4.0	3,359
Saudi Arabia				
1954/55	72.5	20.0	7.5	40
1959/60	65.6	30.0	4.4	90
1969/70	72.5	22.9	4.6	1,011
1979/80	66.4	23.6	10.0	4,534
1987/88	57.3	35.7	7.0	3,480
Jordan				
1954/55	85.6	11.9	2.5	597
1959/60	74.0	22.4	1.6	546
1969/70	66.9	29.9	3.2	874
1979/80	74.6	19.2	6.2	2,142
1987/88	70.4	24.8	4.8	3,171
Kuwait				
1954/55	–	–	–	–
1959/60	83.7	2.0	14.3	49
1969/70	82.7	15.4	1.9	311
1979/80	73.0	19.2	7.8	1,324
1987/88	79.8	13.9	6.3	1,982
NORTH AMERICA				
Canada				
1954/55	63.9	31.2	4.9	4,555
1959/60	63.6	32.7	3.7	5,606
1969/70	56.5	40.6	2.9	12,828
1979/80	67.3	30.5	2.2	8,207
1987/88	59.1	38.0	2.9	9,663
OCEANIA				
Australia				
1954/55	30.9	63.9	5.2	233
1959/60	28.8	66.7	4.5	357
1969/70	28.4	66.1	5.5	1,042
1979/80	29.5	64.4	6.1	911
1987/88	37.7	57.7	4.6	826
Pacific Is. Trust Ter.				
1954/55	92.9	7.1	–	14
1959/60	92.1	2.6	5.3	38
1969/70	84.1	5.3	10.6	322
1979/80	96.0	3.3	0.6	1,139
1987/88	96.3	2.0	1.7	712

2.9 *Gender of Foreign Students Within Academic Levels by World Region of Origin, 1987/88*

WORLD REGION	UNDERGRADUATE			GRADUATE			OTHER		
	Male	Female	Students Reported	Male	Female	Students Reported	Male	Female	Students Reported
Africa	68.4	31.6	9,104	81.6	18.4	6,939	69.7	30.3	489
Asia	63.8	36.2	39,637	73.6	26.4	53,464	55.7	44.3	4,497
Europe	60.3	39.7	10,631	67.6	32.4	8,970	55.8	44.2	1,511
Latin America	56.3	43.7	18,362	68.0	32.0	6,857	55.1	44.9	1,434
Middle East	83.7	16.3	15,289	83.5	16.5	7,841	77.6	22.4	1,176
North America	58.8	41.2	5,737	64.0	34.0	3,529	45.4	54.6	271
Oceania	57.3	42.7	1,339	70.2	29.8	650	58.2	41.8	79
ALL REGIONS	**65.2**	**34.8**	**100,099**	**73.7**	**26.3**	**88,250**	**58.8**	**41.2**	**9,457**

smallest group of French students was found in the physical sciences (only 3%). Undergraduates from the Federal Republic of Germany and France were overrepresented in the humanities (8% and 7% respectively, compared to the regional average of 5%) and considerably underrepresented in engineering (9% and 8% respectively). Undergraduate students from Spain chose the fields of business and management and social sciences more often than other Europeans.

Graduate Students

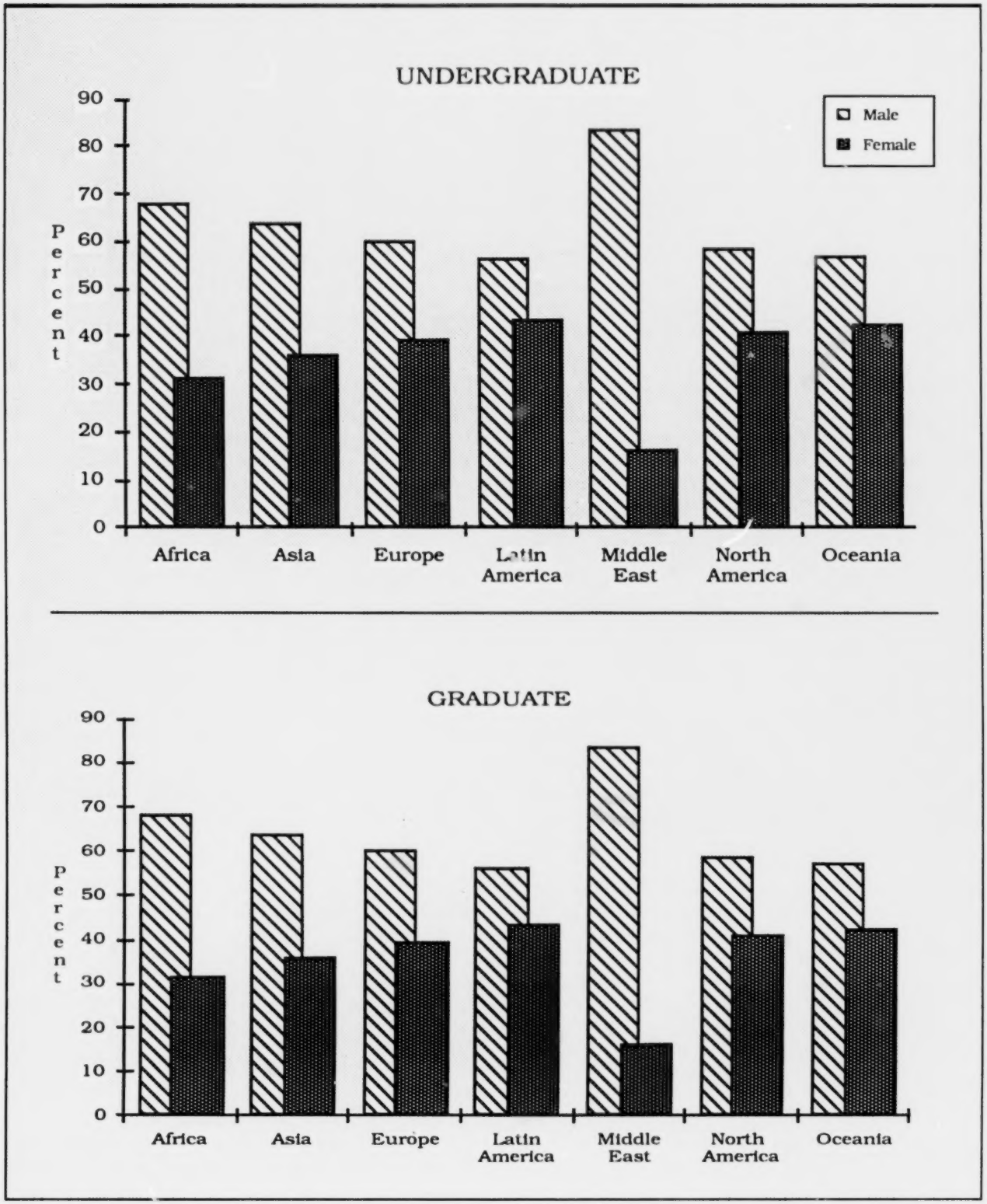
As with most other regions, proportionately fewer European women studied at the graduate than at the undergraduate level: 32% compared to 40% (**Table 2.9 and Figure 2.C**). The field-of-study choices of graduate European students varied significantly from the undergraduates' choices (**Table 2.10**). Only in math and computer science (7%) and in education (3%) were there comparable proportions in 1987/88. Thus, while roughly 15% of the graduate students selected the humanities and the social sciences, only 5% and 10% of the undergraduate students were majoring in these fields. As many as 14% of the graduate students concentrated in the physical sciences, compared to 5% of the undergraduates. Business and management attracted only 14% of European graduate students, barely half the proportion of undergraduates in this field (24%).

Examination of country-by-country field-of-study distributions of European graduate students, presented in Table 2.10, reveals some interesting differences. The British showed greater affinity for the social sciences (21%) than other Europeans and a lack of interest in engineering (9%) and in math and computer science (4%). The choices of Germans were similar (18%, 8% ,7% respectively). Graduate students from Greece, however, had different preferences: they selected engineering twice as often as other Europeans (33%) and humanities only one-fourth as frequently (4%). French students chose business and management (24%) and engineering (15%) in higher-than-average proportions and the physical and life sciences (11%) in lower proportions than the European averages for those fields. The Spanish graduate students were characterized by a very high enrollment (30%) in the humanities, the highest of all leading countries worldwide.

Gender

Europe was only the third largest sender of female foreign students to the United States, despite the fact that two of the three countries in the world that sent the most female students were from that region (**Table 2.1**). Females constituted 37% of the European students in the U.S. in 1987/88, a percentage which was smaller than that of Latin America (41%), North America (40%), and Oceania (39%). The proportion of female students from France, however, was the highest of any leading sender nation, with 44% of its foreign students being women. West Germany also had a disproportionately high percentage of female students, with 42%. Germany's portion of females was surpassed only by that of The Pacific Island Trust Territories in Oceania, which was 43%. The leading European country that sent the smallest proportion of female students was Greece, with a mere 21% of its students being female.

2.C *Gender of Foreign Students Within Academic Level by World Region of Origin, 1987/88*



LATIN AMERICAN STUDENTS

Approximately one-eighth (13%) of the foreign students in the United States came from Latin America (**Table 2.1**). Predominant among this group were students from South American countries, totalling 11,807 or 5% of all foreign students. Latin Americans overall were the second largest group studying in the U.S. in 1987/88, their 13% was surpassed only by Asia's 50%. Latin Americans rank as the second leading sender of students to the United States may be due in part to steep increases between 1959/60 and 1979/80 (**Table 2.2**). While the numbers of Latin Americans have continued to grow in more recent years, the pace is much slower than the earlier period. Enrollments of Venezuelan students experienced a four-fold increase in the 60s and 70s decades, but by 87/88 they had fallen to below half of what they were in 1980. Most other Latin American countries experienced moderate growth, only Peru seeing significant increases for the period 1980 to 1987/88.

Field of Study

The most popular field of study among Latin Americans was business and management in 1987/88, shosen by 17% (**Table 2.3 and Figure 2.A**). Interestingly, fields in the "other" category, primarily liberal arts, enrolled an equally high percentage of students, while engineering was the third most populous, with 14%. Except for the social sciences (8%), none of the other fields of study was selected by more than 8% of the Latin Americans. However, a large proportion of these students (8%) had no declared major. Data from previous years (**Table 2.4**) show a higher demand for engineering, and a substantially lower demand for business and management and for mathematics and computer science in the past. However, preference for the two latter fields increased considerably in the last decade, while the attractiveness of the health sciences and of the humanities has waned since the 50s.

A look at the field-of-study choices of students from the leading Latin American countries (**Table 2.3 and Figure 2.A**) shows that the proportions of Venezuelans enrolled in engineering (20%) and mathematics and computer sciences (11%) are higher than the proportions for Latin America overall. Comparatively large subgroups of Mexicans (6%) and Brazilians (6%) studied agriculture, the largest proportions of all leading countries,except Egypt. Proportionately fewer Brazilians than other Latin Americans majored in business and management (13%) and engineering (13%) and more in education (5%), the humanities (6%), the physical and life sciences (9%), as well as the social sciences (10%). The Peruvian foreign student population was characterized by the highest enrollments in business and management (22%) and the social sciences (11%). Students from Peru were lacking in the health sciences, fine arts, and education.

Perhaps predictably, as historical comparisons in **Table 2.5** show, substantial increases occurred in the shares of students from all leading Latin American countries in math and computer science. Demand for engineering, however, has dropped in recent years. With the exception of Mexico, interest in the humanities has waned, while the social sciences have gained students or have remained the same.

Academic Level

Latin America sent the highest proportion of undergraduates (69%) and the lowest proportion of graduate students (25%) of all world regions in 1987/88 (**Table 2.6 and Figure 2.B**) repeating a pattern established in the 1950s. In the 60s and 70s this pattern had changed somewhat: during this period there were proportionately fewer undergraduates (around 63%), slightly more graduate students (around 27%), and more students in non-degree, Intensive English Language, and technical training programs (10%) (**Table 2.7**). Latin America's high undergraduate proportion is partly explained by very high Venezuelan and Peruvian enrollments (69% and 63% respectively) at that level and the correspondingly below-average amount of study at the graduate level (24% and 30% respectively) (**Table 2.6**). Compared to the overall Latin American student population, a very large proportion of Brazilians (48%) and Mexicans (37%) were graduate students.

The past three decades have seen many changes in the undergraduate to graduate ratio of students from the leading Latin American countries. **Table 2.8** shows that fewer than 10% of Venezuelans were graduate students in the 50s. By 1970, as many as 29% studied at that level, but that proportion declined to 24% by 1987/88. Enrollment of Venezuelan students at "other" levels also peaked in 1970 at 15% due to a large influx of such students in Intensive English Language programs, but dropped during the 1980s to 7% in 1987/88. Similarities can be observed in Colombia's distribution pattern to that of other leading countries.

The Mexican's academic level trends are somewhat different. In 1954/55 nearly four-tenths (39%) of Mexico's foreign student population was made up

of graduate students (**Table 2.8**). Five years later, only 16% of the students were studying at the graduate level, but this proportion doubled during the next decade to 32%, remaining fairly stable during the 70s. Between 1979/80 and 1987/88 it grew to 37%, continuing stable growth. The Brazilian graduate student proportion, also a high 39% in 1954/55, rose steadily in the next two decades to 62%, but declined to 48% in 1987/88 for a 14% loss. Peru has been sending more graduate and fewer undergraduate students over the years, although the share of graduates was still small in the last survey year at 29%.

Undergraduate Students

Undergraduate Latin American students accounted for 9% of all foreign students in 1987/88. Six out of ten were males, and four out of ten females (**Table 2.9 and Figure 2.C**). Interestingly, the highest undergraduate enrollments were in "other" fields of study (22%), most likely, in liberal arts. Business and management (20%), and engineering (14%) (**Table 2.10**) were the next most popular fields of Latin American undergraduates.

At the undergraduate level, Venezuelans were overrepresented in engineering (21%) and math and computer science (13%), while Mexicans and Peruvians had above-average enrollments in business and management Nearly 26% of Colombian undergraduates were in "other" fields of study.

Graduate Students

Only 3% of the foreign student population in the United States in 1987/88 consisted of Latin American graduate students. Nearly one-third of these (32%) were female. (**Table 2.9 and Figure 2.C**). While both graduate and undergraduate Latin Americans could be found in proportions over 14% in engineering fields, their other field of study choices varied more significantly (**Table 2.10**). Nearly 10% fewer undergraduates were found in the social sciences than graduates, and nearly 9% fewer could be found in the physical sciences. In the humanities, graduate students were enrolled in proportions approximately 7% higher than undergraduates, and in agriculture and business and management 8% lower.

The field-of-study choices of students at the graduate level varied among leading Latin American countries, as **Table 2.10** reveals. Higher-than-average proportions of Venezuelan and Peruvian graduate students studied business and management (19% each), and nearly five percent more Peruvians studied social sciences (20%) than average for the region. More Brazilians and Mexicans than other Latin Americans chose agriculture (12% and 11% respectively) and more Venezuelans (20%) and Colombians (18%) chose engineering. Fewer Brazilians chose business and management than the region overall (10% as opposed to 13%). The percentage of Venezuelan graduate students in engineering was the highest of all leading Latin American nations at 20%, but their numbers were disproportionately low in the social sciences with 6% below average. Colombians were the strongest in the health sciences with 6%, as opposed to a 5% average overall.

Gender

Interestingly, Latin America sent a higher proportion of women students (41%) than any other world region (**Table 2.11 and Figure 2.D**). The high representation of women was not completely consistent throughout the region, however, as only 31% of Mexican students were women, the lowest percentage among leading Latin American nations. Peru sent the most female students, with close to 39% of its students being women.

MIDDLE EASTERN STUDENTS

Students from the Middle East constituted 12% of all foreign students in the United States in 1987/88 (**Table 2.1**). Their share of the foreign student population was smaller only in the 50's and again in 1969/70 (9% and 11% respectively) (**Table 2.2**). The number of students from the Middle East coming to this country increased tremendously after the early 70s, and by the end of the decade, they constituted nearly 30% of the U.S. foreign student body. Since then, a sharp drop in enrollments of Iranians as well as of other Middle Easterners, combined with an increased flow of students from other regions (especially from Asia), have resulted in a drastic shrinkage of the share of Middle Easterners to 12%, less then half their peak figure.

Field of Study

Over a third (35%) of the students from the Middle East, proportionately more than from any other world region, came to the United States to study engineering in 1987/88 (**Table 2.3 and Figure 2.A**). This proportion represents a decrease from the previous years, when as many as 42% enrolled in that field. On the other hand, a regionally low proportion of this group chose business and man-

2.10 *Field of Study and Academic Level of Foreign Students by World Region and Leading Place of Origin, 1987/88*

UNDERGRADUATE

WORLD REGION/ LOCALITY	FIELD OF STUDY (Percentages)													Students Reported
	AGRI	BUS/ MGMT	EDUC	ENGR	FINE ARTS	HLTH SCI	HUM	MATH/ COMP	PHYS SCI	SOC SCI	OTHR	INT ENGL	NOT DECL	
AFRICA	**3.0**	**25.3**	**4.0**	**15.9**	**2.8**	**8.0**	**2.2**	**8.2**	**6.0**	**8.2**	**10.8**	–	**5.5**	**9,323**
Nigeria	1.6	30.6	6.7	11.4	4.0	11.6	1.5	5.1	4.9	10.2	9.0	–	3.6	2,826
South Africa	1.5	23.9	5.5	10.4	4.0	6.8	3.6	7.3	6.1	9.3	12.8	–	8.9	674
Egypt	1.1	21.6	–	36.9	2.2	4.4	1.6	13.1	5.2	2.5	6.8	–	4.1	366
Kenya	3.2	29.2	4.8	10.9	2.4	4.6	3.2	7.8	5.8	9.8	11.8	–	6.4	770
Ethiopia	0.8	21.5	1.2	16.2	1.3	10.3	2.1	11.8	8.5	3.9	13.2	–	9.3	773
ASIA	**0.7**	**27.5**	**1.7**	**21.6**	**5.7**	**2.3**	**2.6**	**12.6**	**4.1**	**5.4**	**8.6**	**0.8**	**6.5**	**42,298**
Taiwan	0.5	26.7	1.9	16.9	8.0	3.8	2.1	17.5	5.5	2.3	9.2	0.7	5.0	2,565
China	0.7	19.6	2.0	19.7	5.6	3.7	3.4	16.9	9.5	5.1	7.0	0.7	5.9	2,062
India	0.5	19.0	1.0	23.7	2.1	3.8	1.4	19.6	7.4	5.2	10.5	–	5.7	2,870
Korea, Rep. of	0.4	23.5	2.0	11.3	9.0	2.0	4.4	15.4	5.7	8.4	9.0	1.2	7.8	2,7747
Malaysia	1.4	31.2	1.2	33.8	6.8	1.4	0.9	8.8	2.6	4.1	3.4	–	4.4	9,312
EUROPE	**0.7**	**23.6**	**2.8**	**10.4**	**6.1**	**2.5**	**5.1**	**6.3**	**5.7**	**9.7**	**14.9**	–	**12.1**	**11,013**
United Kingdom	0.5	21.5	5.1	7.8	6.1	3.1	3.7	4.8	5.0	12.2	16.9	–	13.4	2,115
Germany, F.R.	0.7	19.4	1.6	8.0	7.7	1.7	7.7	4.5	8.9	10.2	14.8	–	14.7	1,435
France	–	26.6	1.6	9.7	5.4	1.2	6.5	6.8	3.4	8.5	15.8	0.5	13.8	1,005
Greece	0.5	16.1	2.5	20.3	5.3	1.8	2.6	15.9	8.5	8.9	10.3	–	7.4	952
Spain	1.2	25.1	3.0	9.8	4.9	1.8	4.4	7.2	5.9	12.7	13.0	–	10.7	676
LATIN AMERICA	**2.1**	**20.0**	**2.8**	**14.2**	**4.0**	**4.7**	**2.2**	**6.8**	**4.1**	**5.5**	**22.7**	–	**10.8**	**18,922**
Mexico	3.3	24.9	2.3	13.0	6.0	1.6	4.3	11.8	3.4	7.3	11.1	–	10.5	1,588
Venezuela	2.7	18.5	1.8	20.7	6.5	3.0	1.5	12.4	3.2	4.5	17.8	–	7.2	1,518
Colombia	2.8	17.9	2.4	14.3	6.4	2.8	2.4	6.3	4.0	6.6	25.8	–	8.3	1,310
Brazil	1.3	19.3	3.8	10.2	5.9	2.5	4.7	8.4	3.6	7.5	23.1	0.8	8.8	758
Peru	1.2	24.2	1.8	16.7	4.4	1.4	3.8	7.9	2.8	7.5	21.2	–	6.8	866
MIDDLE EAST	**0.5**	**16.5**	**0.9**	**37.3**	**2.9**	**4.1**	**1.2**	**14.1**	**5.7**	**3.9**	**7.8**	–	**4.8**	**15,988**
Iran	–	6.4	1.0	28.1	2.3	10.7	1.2	14.0	15.0	2.9	12.9	–	5.0	3,409
Lebanon	0.7	17.5	–	46.6	3.3	4.2	0.7	10.0	4.1	2.9	6.7	–	2.7	2,2382
Saudi Arabia	–	20.8	1.1	33.3	1.3	2.6	0.8	20.8	2.9	5.1	5.2	0.9	4.8	1,945
Jordan	0.7	19.8	0.6	44.6	2.6	1.3	2.2	12.5	2.6	2.9	5.8	–	4.3	2,138
Kuwait	–	20.4	1.2	40.0	1.4	1.4	1.0	15.9	1.9	3.7	7.3	–	5.0	1,531
NORTH AMERICA	**1.3**	**18.7**	**8.6**	**10.4**	**6.4**	**10.3**	**3.8**	**2.6**	**4.4**	**10.3**	**14.9**	–	**8.2**	**5,875**
Canada	1.3	17.9	8.5	10.5	6.4	10.6	3.8	2.4	4.4	10.3	15.5	–	8.3	5,489
OCEANIA	**0.4**	**25.7**	**7.3**	**5.9**	**4.0**	**2.0**	**2.9**	**7.4**	**2.4**	**11.0**	**10.8**	**6.2**	**13.9**	**1,484**
Australia	–	18.3	11.0	9.3	9.7	4.3	4.7	2.0	3.3	10.3	18.7	–	8.0	300
Pacific Island Trust Terr.	–	28.2	3.7	7.5	1.3	1.3	1.3	11.5	1.6	12.4	8.4	–	22.5	680
ALL REGIONS	**1.2**	**23.3**	**2.5**	**20.1**	**4.8**	**4.0**	**2.6**	**10.1**	**4.7**	**8.2**	**12.3**	**0.5**	**7.7**	**104,901**

2.10 *(continued)*

GRADUATE														
WORLD REGION/ LOCALITY	FIELD OF STUDY (Percentages)													Students Reported
	AGRI	BUS/ MGMT	EDUC	ENGR	FINE ARTS	HLTH SCI	HUM	MATH/ COMP	PHYS SCI	SOC SCI	OTHER	INT ENGL	NOT DECL	
AFRICA	**10.2**	**11.8**	**10.1**	**14.9**	**3.0**	**6.1**	**7.3**	**5.3**	**9.4**	**16.0**	**5.4**	**–**	**0.6**	**7,043**
Nigeria	5.4	20.3	15.8	7.4	3.6	4.6	6.0	3.9	6.4	18.2	7.5	–	0.8	1,896
South Africa	3.7	7.9	14.2	8.1	5.7	10.1	12.6	3.9	9.3	14.6	9.1	–	0.8	493
Egypt	10.4	7.0	3.5	31.5	4.9	6.8	4.9	7.4	12.1	8.0	2.9	–	0.5	854
Kenya	10.4	12.5	13.4	6.8	0.6	6.5	14.2	5.9	7.4	17.5	4.2	–	0.6	337
Ethiopia	13.9	8.2	3.3	10.6	0.8	11.0	4.1	4.9	14.7	25.3	3.3	–	–	245
ASIA	**3.1**	**14.9**	**4.4**	**24.6**	**3.1**	**2.8**	**4.3**	**12.0**	**16.0**	**10.4**	**4.0**	**–**	**–**	**56,106**
Taiwan														
China	2.9	5.0	3.6	21.3	2.6	2.9	4.5	12.9	31.1	9.0	3.8	–	–	11,597
India	1.6	15.6	1.9	37.5	1.5	2.7	2.6	12.8	13.6	6.8	3.1	–	–	9,008
Korea, Rep. of	2.9	14.6	4.4	21.1	4.4	1.5	7.2	8.8	14.5	15.9	4.1	–	–	8,775
Malaysia	4.0	30.5	9.9	12.4	4.7	1.6	2.6	13.3	5.7	11.8	2.9	–	0.6	2,475
EUROPE	**2.3**	**14.3**	**3.1**	**14.1**	**5.2**	**4.4**	**14.4**	**7.2**	**13.7**	**14.8**	**5.6**	**–**	**0.7**	**9,337**
United Kingdom	1.4	11.9	6.3	9.1	8.0	3.6	13.2	4.4	14.7	20.5	6.1	–	0.5	1,466
Germany, F.R.	1.3	10.3	2.1	8.3	4.9	2.5	20.9	6.9	16.7	17.8	6.7	–	1.5	1,498
France	2.1	24.2	1.1	15.0	3.5	4.1	18.8	4.4	10.8	8.4	6.7	–	0.6	1,093
Greece	1.6	9.6	3.0	32.8	3.4	3.1	3.8	12.1	17.4	10.7	2.2	–	–	1,216
Spain	3.5	12.0	2.4	6.4	4.6	5.9	30.2	4.9	8.4	16.7				
LATIN AMERICA	**9.9**	**12.9**	**6.5**	**14.9**	**3.7**	**4.5**	**8.7**	**5.8**	**12.9**	**14.6**	**4.9**	**–**	**0.6**	**6,903**
Mexico	11.0	12.1	3.6	14.8	2.5	4.3	9.3	8.1	15.2	14.8	3.4	–	0.8	1,227
Venezuela	4.3	18.8	8.0	19.9	3.6	3.4	6.3	6.9	15.9	8.5	3.6	–	–	552
Colombia	7.3	11.7	5.2	17.6	4.0	5.6	8.8	7.4	12.3	14.3	5.2	–	0.5	658
Brazil	11.7	9.5	7.0	16.1	5.8	3.5	7.8	5.3	15.3	13.0	4.8	–	–	831
Peru	8.5	18.6	4.5	13.3	2.5	1.5	9.5	4.0	12.6	20.4	4.0	–	0.5	398
MIDDLE EAST	**3.3**	**9.7**	**6.1**	**32.6**	**3.0**	**5.4**	**2.8**	**8.8**	**9.9**	**15.3**	**3.4**	**–**	**0.6**	**8,017**
Iran	3.8	4.6	4.6	38.4	2.1	8.1	1.3	10.4	13.2	9.7	2.9	–	1.0	2,169
Lebanon	3.0	10.2	2.5	45.5	3.8	6.5	2.3	7.6	5.4	9.3	3.4	–	–	904
Saudi Arabia	3.3	11.2	12.2	18.8	3.1	4.6	4.1	5.2	4.2	26.6	5.7	–	0.8	1,201
Jordan	1.7	13.8	6.7	27.5	3.1	5.1	4.3	9.1	9.0	16.2	3.1	–	–	766
Kuwait	–	12.5	11.4	25.8	0.7	4.1	3.3	9.6	4.8	22.1	5.2	–	–	271
NORTH AMERICA	**2.6**	**11.4**	**7.5**	**6.6**	**8.0**	**13.9**	**12.7**	**2.9**	**12.0**	**14.8**	**6.5**	**–**	**1.1**	**7,857**
Canada	2.5	11.4	7.4	6.7	8.0	14.0	12.6	2.9	12.0	14.7	6.6	–	1.1	3,622
OCEANIA	**3.0**	**9.5**	**10.1**	**6.1**	**6.5**	**8.3**	**20.0**	**5.2**	**9.8**	**16.1**	**5.0**	**–**	**–**	**676**
Australia	3.0	7.9	10.3	5.6	7.3	9.2	22.2	4.1	8.3	16.2	5.1	–	0.6	468
Pacific Island Trust Terr.	–	14.3	7.1	7.1	–	7.1	7.1	–	7.1	42.9	7.1	–	–	14
ALL REGIONS	**4.1**	**13.6**	**5.2**	**21.9**	**3.6**	**4.1**	**6.2**	**9.8**	**14.2**	**12.2**	**4.4**	**–**	**–**	**91,829**

2.11 *Gender of Foreign Students by World Region and Leading Place of Origin, 1987/88*

WORLD REGION/ LOCALITY	GENDER		Students Reported
	Male	Female	
AFRICA	**74.2**	**25.8**	**16,939**
Nigeria	76.7	23.3	4,902
South Africa	66.8	33.2	1,158
Egypt	82.5	17.5	1,260
Kenya	67.3	32.7	1,127
Ethiopia	59.3	40.7	1,040
ASIA	**68.8**	**31.2**	**100,052**
Taiwan	63.9	36.1	14,098
China	69.6	30.4	13,869
India	79.2	20.8	12,102
Korea, Rep. of	80.4	19.6	11,401
Malaysia	66.5	33.5	11,445
EUROPE	**63.0**	**37.0**	**21,634**
United Kingdom	61.6	38.4	3,756
Germany, F.R.	58.1	41.9	3,217
France	56.1	43.9	2,302
Greece	79.3	20.7	2,207
Spain	63.0	37.0	1,366
LATIN AMERICA	**59.3**	**40.7**	**27,124**
Mexico	68.6	31.4	2,968
Venezuela	63.0	37.0	2,206
Colombia	61.3	38.7	2,174
Brazil	63.1	36.9	1,714
Peru	61.1	38.9	1,361
MIDDLE EAST	**83.3**	**16.7**	**24,883**
Iran	69.3	30.7	5,669
Lebanon	86.3	13.7	3,236
Saudi Arabia	92.2	7.8	3,335
Jordan	91.4	8.6	2,960
Kuwait	91.9	8.1	1,902
NORTH AMERICA	**60.3**	**39.7**	**9,644**
Canada	60.9	39.1	9,215
OCEANIA	**61.2**	**38.8**	**2,101**
Australia	64.3	35.7	793
Pacific Island Trust Terr.	57.0	43.0	572
ALL REGIONS	**68.7**	**31.3**	**202,377**

agement (14% in 1987/88). Mathematics and computer science was the only other field that drew more than 10% of the students from the Middle East (12%), the remaining fields being chosen by fewer than 7% of the students.

Data on the fields of study chosen by Middle Easterners in the past decades, presented in **Table 2.4**, reveal that engineering was long the choice of increasingly larger percentages of students, until recent years when it has fallen by 7%. The share studying mathematics and computer science has risen dramatically in the last eight years, more than doubling in that time. Also noteworthy are declines in the proportions of students in the health sciences and in the humanities.

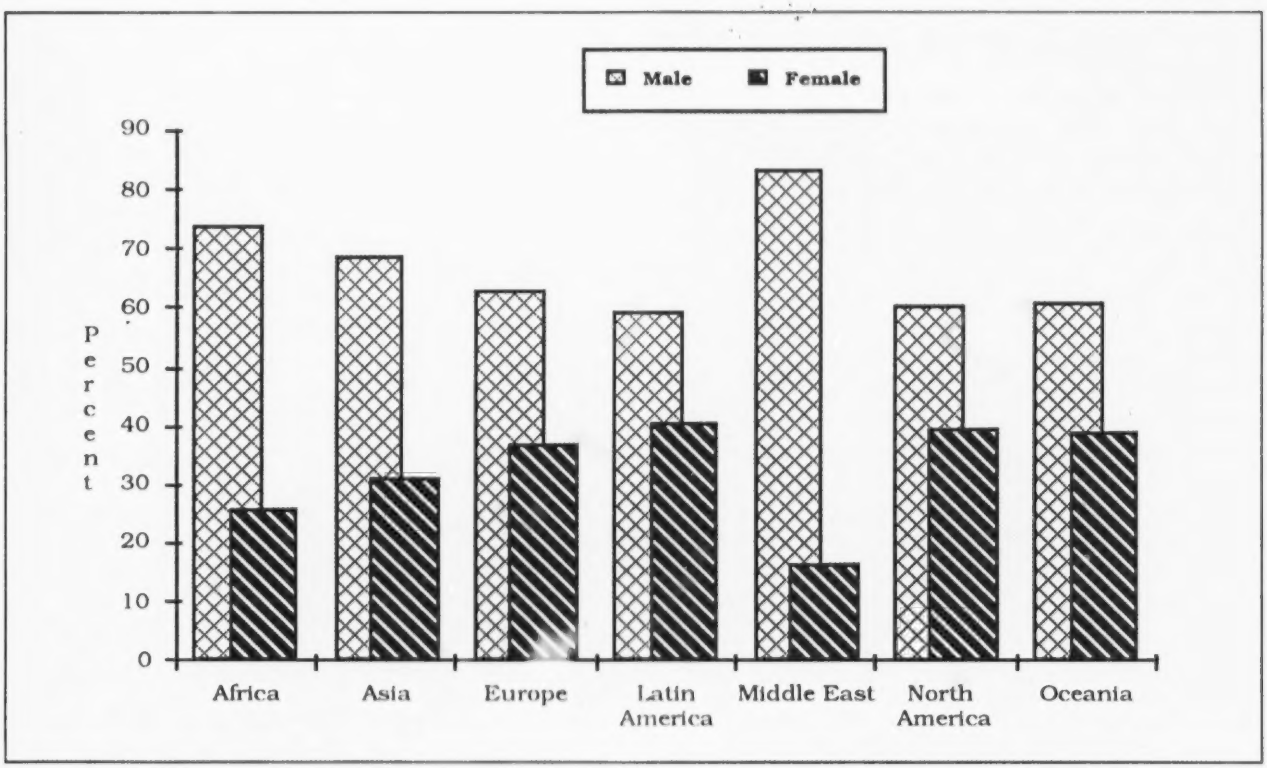
Engineering enrollments peaked among Jordanian and Lebanese students in 1979/80, with over half of each group in this field (**Table 2.5**). A large number of Kuwaitis (47%) and Iranians (45%) also chose engineering in that year. However, in the most recent survey year, 1987/88, all of these countries experienced a large decrease in the proportions of students studying engineering. Also of note is the very low share of Iranians studying business and management (6%), half the amount that were in this field in 1979/80 and the lowest of any leading country in any region. Saudi Arabia, which had the lowest total proportion of engineers in the region (26%), also had the largest proportion of social scientists (12%).

Academic Level

The Middle East ranked third in comparison to other world regions in the proportion of undergraduates it sent to the U.S in 1987/88: under two-thirds (64%) of Middle Easterners were studying at the undergraduate level (**Table 2.6 and Figure 2.B**). The proportions of undergraduates from Jordan (76%), Lebanon (70%), and Kuwait (80%) were among the highest of all nationality groups. Over two-thirds of Jordanians (68%) and nearly as many Iranians (59%) studied at the undergraduate level. Iran had the highest percentage of graduate students with close to 37%.

Overall, the distribution of Middle Easterners by academic level has fluctuated since the mid-50s (**Table 2.7**). Nearly one-third of the students were in graduate programs in 1954/55; after some wavering in the 60s and 70s, the share of graduate students fell to 23% by 1980. Due to the drastic decline in the flows of undergraduates from Iran and other Middle Eastern countries in the 80s, the graduate-level share rose to 32%. The percentages of graduate students from Iran at 37%, and Saudi

2.D Gender of Foreign Students by World Region of Origin, 1987/88



Arabia, at 36%, were larger in 1987/88 than ever before (**Table 2.8**). The proportion of Jordanian graduate students, as high as 30% in 1970, fell considerably to 19% in 1979/80 but rose 6% between 1980 and this survey year. Kuwait was the only leading Middle Eastern country which did not experience an increase in its graduate student proportion in the last eight years, but in fact lost 5% in the interim.

Undergraduate Students

Middle Easterners studying at the undergraduate level constituted approximately 8% of the foreign student body in this country in 1987/88. A weighty 84% of them were men (**Table 2.9 and Figure 2.C**), the highest proportion from any region. Close to four out of ten (37%) majored in engineering (**Table 2.10**); another 17% chose business and management, and an additional 14% were enrolled in mathematics and computer sciences programs. Enrollments in each of the other fields of study were comparatively small.

In 1987/88, Iranian undergraduate students often chose fields of study different from the fields chosen by students from other leading Middle Eastern countries (**Table 2.10**). Below-average percentages of Iranians studied engineering (28%), and an even more disproportionate 6% chose business and management. Higher-than-average proportions chose the physical and life sciences (15%) and the health sciences (11%). Saudi Arabians were overrepresented in business and management (21%) and underrepresented in engineering (33%). Kuwaitis were also overrepresented in business, with 20% enrolling in that field. Close to half of Jordanians and Lebanese (45% and 47% respectively) studied engineering at the undergraduate level, the highest proportions of any nationality groups in any region.

Graduate Students

Middle Eastern graduate students made up 4% of the foreign student population in the United

States in 1987/88. All but 17% were men (**Table 2.9 and Figure 2.C**), but proportionately there were slightly more women among graduate than undergraduate students. The distribution of graduate students among different fields of study was more diverse than that of undergraduates (**Table 2.10**). Not surprisingly, the largest group studied engineering (33%). About 15% chose the social sciences, and 10% chose business and management and physical and life sciences. Of the remaining fields, only math and computer science attracted more than 8% of graduate Middle Eastern students.

Like their undergraduate counterparts, Iranian graduate students were underrepresented in business and management (5%), but unlike the undergraduates they were overrepresented in engineering (38%), as shown in **Table 2.10**. Iranians were also the only group of Middle Eastern graduate students to select in proportions of over ten percent both mathematics and computer science and the physical sciences. Kuwaitis and Saudi Arabians were remarkable by their strong attraction to both education, with over 10% each choosing this field, and, particularly, the social sciences, with over 22% each enrolling here.

Gender

A mere 17% of the students from the Middle East were women in 1987/88 (**Table 2.11 and Figure 2.D**), despite the fact that close to a third (31%) of Iranian students, the largest national subgroup from the Middle East, were female. The very low proportions (less than 9%) of women coming from the other leading Middle Eastern countries are responsible for the overall underrepresentation of females from the region.

NORTH AMERICAN STUDENTS

Only 5% of foreign students in the United States in 1987/88 were from North America, and most came from Canada (**Table 2.1**). A substantially higher proportion of the foreign student population came from this region prior to 1980. As high as 17% in 1949/50, the North American percentage fell steadily over the years, dropping to 10% by the end of the 60s, and reaching the present level at the end of the 70s (**Table 2.2**).

Field of Study, Academic Level, and Gender

The field-of-study distribution of North American students was much more heterogeneous than that of other regional groups. The most popular field of study among this group was business and management, attracting a modest 16% of the students (**Table 2.3 and Figure 2.A**). Unlike most other groups, fewer than 10% of the North Americans studied engineering, and very few (3%) chose mathematics and computer sciences. Sizable groups, ranging from 7% to 12% enrolled in fields not popular with students from most other regions: education, the health sciences, the humanities, and the social sciences.

The fields of study preferred by North Americans students have changed over the past three decades. Most notable are a steady decline in enrollments in the humanities and a pararllel increase in enrollments in business and management. Twice as many North Americans chose business and management in 1987/88 than in 1949/50 (16% compared to 7%) but half as many chose the humanities (7% compared to 16%) (**Table 2.4**).

Over one-third of the North Americans (37%) were enrolled in graduate programs (**Table 2.6 and Figure 2.B**) a rather low proportion compared to Europe and Asia. However, a relatively high percentage of this group, 40%, were women, the second highest proportion after Latin America's 41% (**Table 2.11**). North America's proportion of graduate students has fluctuated at around 30% for three decades, peaking briefly in the late 60s at 40%, and rising to levels close to that high in 1987/88 (**Table 2.7**).

Undergraduate Students

In 1987/88, just under than six-tenths (59%) of the North American undergraduate students were men (**Table 2.9 and Figure 2.C**), a proportion comparable to that of Europe and Oceania and greater than that of Latin America. The fields of study preferred by undergraduate students were business and management, chosen by 19%; "other" fields such as liberal arts, selected by 15%; and engineering, enrolling 10% (**Table 2.10**).

Graduate Students

Men constituted nearly two-thirds (64%) of graduate students from North America in 1987/88, a proportion higher than that of undergraduates (**Table 2.9**). The fields of study selected by graduate students differed markedly from those chosen by undergraduate students. As shown in **Table 2.10**, graduate students selected the humanities (13%), the health sciences (14%), and the social sciences (15%) much more often than undergraduates, and

business and management (11%) and engineering (7%) less often.

OCEANIAN STUDENTS

Field of Study, Academic Level, and Gender

Students from Oceania made up only 1% of the foreign students in the United States in 1987/88, a proportion that has remained virtually unchanged since 1950 (**Tables 2.1** and **2.2**).

Oceanians chose fields of study in patterns which are in some ways unique and in other ways similar to those of North Americans (**Table 2.3 and Figure 2.A**). As many as 12% majored in the social sciences and 8% majored in education, the highest proportions in these fields for any regional group. Business and management was the most favored field, attracting about one fifth of the Oceanians (20%), while engineering fared badly, with only 6% of these students. Also noteworthy is the selection of humanities by 8% of Oceanians, the second highest share after Europeans (**Table 2.3 and Figure 2.A**). Also noteworthy is the lack of Oceanian enrollments in the physical sciences, where their proportions were half the average of foreign students overall.

Demand for various fields of study changed substantially from 1960 to 1970, with the health sciences, the humanities and the physical and life sciences losing enrollments, and education and business and management gaining students (**Table 2.4**). The changes in this decade has been equally as dramatic for some fields. In agriculture, enrollments of Oceanians fell by half, from 2% in 1980 to 1% in 1987/88. Equal losses were experienced in education which in 1980 held 15% of the students, but by 1987/88 had lost 7% of them to other fields. Health sciences, and social sciences also suffered considerable losses for the same period. Math and computer science fared better by gaining 6%.

In 1987/88, well over one-third (37%) of the students from this region were graduate students (**Table 2.6 and Figure 2.B**), and four out of ten (40%) were women (**Table 2.11 and Figure 2.D**). In the 50s and 60s, over half of the Oceanian students were studying at the graduate level; by the end of the 70s, however, the graduate student share had plummeted to little over a third (34%). Since then, it continued to fall, dropping 4% in the last decade (**Table 2.7**).

Undergraduate Students

In 1987/88, over 40% of undergraduate students from Oceania were female (**Table 2.9**) and over a quarter of them studied business and management. Oceanian undergraduates were more likely to be found in social science departments than students from any other world region, but showed considerably less interest in engineering (**Table 2.10**).

Graduate Students

Seven of every ten (70%) Oceanian graduate students in 1987/88 were men (**Table 2.9** and **Figure 2.C**). As a whole, Oceanian graduates' preferences for fields of study were rather atypical; one-fifth (20%) selected the humanities, a proportion that was more than three times the average for all world regions. The social sciences attracted 16% of these students, a figure matched only by graduate students from Africa. Oceanian graduate students enrolled also in strong numbers in education with again twice the average for all regions combined, and again only matched by Africa (**Table 2.10**).

3. FOREIGN STUDENTS WITHIN U.S. REGIONS, ACADEMIC LEVELS, AND FIELDS OF STUDY

INTRODUCTION

Having established the characteristics of regional and national subgroups of the foreign student population in the United States, we move now to an examination of foreign students at their various geographic and educational "destinations." More specifically, we will present profiles of foreign students found in different U.S. regions and states (the geographic destinations) and in different fields of study and academic levels (the academic destinations). We will attempt to answer such questions as: How does the foreign student population vary in different states, e.g., Florida vs. California? Are students from certain countries or places overrepresented in specific fields of study, e.g., engineering or management? How have distributions of students among various fields changed over time?

GEOGRAPHIC DESTINATIONS

This section presents the characteristics of the foreign student bodies of each U.S. region and of the different states within each region. The focus is on the geographic origin of the subgroups of foreign students.

Table 3.1 shows the distribution of foreign student groups, both percentages and absolute numbers, within specific areas of the United States. Before examining how various groups compare with each other and with the foreign student population as a whole, it is well to review briefly the overall composition of foreign students: in 1987/88, 8% came from Africa, 50% from Asia, 11% from Europe, 13% from Latin America, 12% from the Middle East, 5% from North America, and 1% from Oceania (**Table 3.1**). It is necessary also to keep in mind the significant differences in the absolute numbers of foreign students among regions and among the states within regions.

Northeast

A little less than half (49%) of the foreign students attending institutions in the Northeast in 1987/88 were Asians, a proportion very similar to the national average. This region was particularly attractive to Europeans; 16% of the students here were European compared to 10% in the United States overall. Middle Easterners showed less enthusiasm for the Northeast, their share of foreign students there being lower than of all foreign students. Approximately one-tenth (11%) of foreign students in the Northeast came from Latin America, while Africans (7%) and North Americans (7%) accounted for most of the remaining students.

In many New England states, Europeans constituted from one-fifth to one-fourth of the foreign student population, proportions twice as high as the national average; Vermont and Massachusetts had the highest proportions (27% and 20% respectively); New Jersey and Rhode Island, each with 19%, were not far behind. Maine and New York, the Northeastern states with the lowest percentage of European students (12%), still had more than the country overall. Asian students were evenly distributed throughout most of the United States in 1987/88; therefore, New England's share, like the shares of other regions, was only slightly lower than the national average (49% compared to 50%). New Hampshire had the largest proportion of Asians, with 59% of its foreign students being from that region, followed by New York's 55%. Maine was well below the regional average with just 28%. North American students (mainly from Canada), while accounting for only 5% of all foreign students, constituted a very large percentage of foreign students in Maine (44%). However, Vermont, the next leading host state of North American students in New England, had only 9%.

Two states—Maine (2%) and Vermont (2%) attracted relatively fewer students from the Middle East than other Northeastern states. Connecticut had the largest share of Middle Easterners with 14%, and New Jersey also had a relatively high 12%. New Jersey and Connecticut were also popular with Africans, who made up 11% of each state's foreign student population, compared to the national average of 8%. Massachusetts was chosen by relatively few Africans (6%) but, on the other hand, had a comparatively very large proportion of Europeans (20%) among its students.

3.1 *World Region of Origin of Foreign Students Within U.S. Regions and States, 1987/88*

U.S. REGION/STATE	WORLD REGION (Percentages)							Students Reported
	Africa	Asia	Europe	Latin America	Middle East	North America	Oceania	
NORTHEAST	**7.4**	**46.6**	**15.5**	**11.4**	**9.6**	**6.7**	**0.8**	**42,028**
Connecticut	10.9	43.9	13.9	15.6	13.8	1.7	0.2	1,150
Maine	6.0	27.9	11.7	7.9	1.6	44.4	0.3	315
Massachusetts	6.1	41.8	19.7	13.0	10.1	8.1	1.1	11,855
New Hampshire	6.8	58.7	11.8	6.4	9.0	6.8	0.4	1,190
New Jersey	10.6	38.3	19.3	10.5	12.0	8.0	1.2	1,991
New York	6.6	54.9	11.9	10.4	9.1	6.5	0.6	16,906
Pennsylvania	10.2	49.1	15.7	11.4	9.3	3.7	0.7	7,318
Rhode Island	6.4	45.1	19.0	10.4	11.6	7.1	0.3	747
Vermont	6.5	37.8	26.8	17.3	2.3	9.2	0.2	556
SOUTH	**10.6**	**38.0**	**10.5**	**25.1**	**12.1**	**3.3**	**0.4**	**52,920**
Alabama	24.3	44.6	6.8	11.6	10.2	2.2	0.1	2,157
Arkansas	5.6	52.9	4.6	16.3	17.5	2.1	1.0	1,430
Delaware	5.7	54.5	13.6	15.9	8.4	1.8	0.1	847
District of Columbia	18.6	27.1	11.4	22.3	15.9	4.3	0.4	6,841
Florida	4.3	21.2	9.3	51.8	10.3	2.8	0.3	14,203
Georgia	15.6	44.7	11.8	14.6	9.7	3.2	0.4	3,991
Kentucky	14.1	52.8	8.5	8.3	13.1	2.8	0.4	1,806
Louisiana	8.1	43.0	9.7	23.6	13.1	2.3	0.2	2,839
Maryland	13.2	44.1	11.9	15.6	11.3	3.5	0.4	4,804
Mississippi	7.2	64.6	4.3	10.6	11.4	1.7	0.2	1,450
North Carolina	10.8	48.3	12.3	11.0	12.9	4.2	0.5	3,955
South Carolina	9.0	42.4	19.3	14.4	9.2	5.1	0.6	1,935
Tennessee	7.9	54.4	7.8	12.1	14.9	2.6	0.3	2,489
Virginia	10.6	42.9	14.7	12.3	13.0	5.3	1.0	3,024
West Virginia	9.7	57.8	8.3	7.8	13.1	3.0	0.3	1,149
SOUTHWEST	**10.3**	**50.6**	**7.3**	**13.2**	**15.3**	**2.6**	**0.6**	**29,754**
Arizona	5.9	47.3	7.2	11.9	23.4	3.6	0.6	5,947
New Mexico	9.5	37.4	11.4	17.8	18.1	4.6	1.2	1,460
Oklahoma	10.2	61.0	3.3	7.0	16.6	1.3	0.7	5,867
Texas	12.0	49.3	8.4	15.5	11.7	2.5	0.5	16,480
MIDWEST	**7.3**	**58.2**	**9.2**	**7.3**	**11.6**	**5.8**	**0.6**	**62,557**
Illinois	6.3	60.0	11.2	9.8	8.7	3.3	0.6	10,303
Indiana	6.4	58.7	10.3	7.5	12.2	4.5	0.5	6,209
Iowa	6.4	64.7	9.4	6.1	8.1	4.3	1.0	5,461
Kansas	7.6	57.5	8.2	11.4	13.1	1.6	0.6	3,860
Michigan	7.4	48.1	8.1	6.0	14.5	15.4	0.5	9,967
Minnesota	11.3	51.2	13.1	7.9	7.9	8.2	0.4	4,027
Missouri	9.8	58.3	7.3	7.3	13.4	2.9	1.0	2,530
Nebraska	10.5	59.3	5.5	8.5	11.7	3.2	1.3	1,780
North Dakota	3.7	42.9	3.2	5.8	6.3	38.0	0.2	623
Ohio	6.4	62.8	7.4	5.2	14.9	3.0	0.4	11,812
South Dakota	8.7	60.1	11.6	2.3	14.7	2.1	0.5	606
Wisconsin	7.3	63.3	9.6	7.6	8.9	2.8	0.5	5,379
MOUNTAIN	**8.0**	**49.0**	**11.7**	**8.3**	**15.4**	**6.7**	**0.9**	**7,282**
Colorado	10.1	39.6	13.6	9.4	23.1	3.4	0.8	2,938
Idaho	7.8	50.0	9.3	11.6	9.3	10.4	1.7	528
Montana	5.0	48.5	8.6	3.6	4.5	29.5	0.2	616
Nevada	4.6	49.6	10.9	13.9	12.2	8.0	0.8	238
Utah	6.1	61.3	8.7	7.7	11.5	3.7	0.9	2,531
Wyoming	10.4	40.1	24.6	3.7	11.1	9.0	0.9	431
PACIFIC	**4.0**	**57.6**	**9.9**	**6.6**	**15.0**	**3.6**	**3.3**	**27,286**
Alaska	8.2	44.5	12.7	5.5	9.1	18.2	1.8	110
California	4.2	57.4	11.3	7.5	15.2	3.2	1.4	20,571
Hawaii	0.4	72.5	1.8	1.3	0.2	0.5	23.2	2,028
Oregon	5.3	49.6	5.1	4.9	24.3	5.9	4.9	2,502
Washington	3.3	56.0	9.5	6.0	16.8	7.1	1.3	2,075
OTHER	**0.4**	**22.4**	**2.6**	**26.7**	**0.4**	**0.1**	**47.3**	**767**
Guam	0.2	30.4	0.6	–	0.2	–	68.6	529
Puerto Rico	0.8	4.6	7.1	86.1	0.8	0.4	–	238
Virgin Islands	–	–	–	–	–	–	–	
ALL STATES	**8.1**	**50.1**	**10.6**	**13.1**	**12.3**	**4.7**	**1.1**	**222,620**

South

As in every U.S. region, students from Asia were the predominant group in the South. But even with 38%, the South still had the smallest percentage of Asians of any U.S. region. Conversely, compared to other U.S. regions, a very large proportion of the students in the South were from Latin America; at 25% they held the second largest foreign student proportion in this region. The South also had more Africans among its students than other regions, though Africans made up only 11% of its total foreign student population. Middle Easterners showed an affinity for the South as well, they accounted for 12% of the foreign students there. North Americans, on the other hand, were underrepresented at 3%.

Within the South, the foreign student populations of individual states were very different with respect to world region of origin. For instance, over five of every ten (52%) of Florida's foreign students came from Latin America, a share twice as high as the regional average and four times higher than the share of Latin Americans in the United States overall. By contrast, Florida's foreign student population comprised a strikingly small share of Asians, (21% compared to the regional average of 38%) and Africans (4% compared to 11% for the region). Alabama, and to a lesser degree, the District of Columbia drew disproportionately high numbers of Africans with 24% and 19% of their students, respectively, coming from this region.

Mississippi was characterized by very high proportions of Asians, at 65%, a figure almost twice as high as the regional average; it also had the lowest proportion of Europeans in the South, at 4%, half the regional and national average. Delaware was characterized by its small share of North Americans (2%) and of Middle Eastern students (8%).

Southwest

The composition of the foreign student body in the Southwest was similar to the U.S. average in 1987/88, with the exception of a slight underrepresentation of Europeans (7%) and a small overrepresentation of Middle Easterners (15%). Patterns in individual states varied. A very high percentage (61%) of Oklahoma's foreign students originated in Asia, and a relatively very low proportion (3%) originated in Europe. Texas had the highest proportion of African students in the South West, but the lowest of Middle Easterners (12% and 3%, respectively). New Mexico had the lowest percentage of Asians with 37%, which is 13% lower than the regional average. A relatively high share of Arizona's foreign student body was made up of Middle Easterners; at 23%, this was the highest in the region and the second highest percentage of Middle Easterners in the U.S. overall.

3.2 World Region and Subregion of Origin of Foreign Students Within Academic Levels, 1987/88

WORLD REGION/ SUBREGION	ACADEMIC LEVEL			All Levels
	Undergraduate	Graduate	Other	
AFRICA	**8.9**	**7.7**	**4.8**	**8.1**
Eastern Africa	2.4	1.4	1.1	1.9
Central Africa	0.6	0.4	0.4	0.5
North Africa	1.1	2.1	1.4	1.6
Southern Africa	0.9	0.7	0.4	0.8
West Africa	3.8	3.1	1.5	3.4
ASIA	**40.3**	**60.9**	**49.2**	**49.8**
East Asia	16.3	39.4	35.7	27.5
South Central Asia	6.5	12.6	5.0	9.1
Southeast Asia	17.5	8.9	8.4	13.2
EUROPE	**10.5**	**10.2**	**14.8**	**10.8**
Eastern Europe	0.4	0.7	0.7	0.6
Western Europe	10.1	9.5	14.1	10.0
LATIN AMERICA	**18.1**	**7.7**	**15.9**	**13.4**
Caribbean	5.9	1.1	1.6	3.6
Central America	5.9	2.4	6.8	4.4
South America	6.2	4.2	7.5	4.4
MIDDLE EAST	**15.2**	**8.8**	**12.1**	**12.2**
NORTH AMERICA	**5.6**	**4.0**	**2.5**	**4.7**
OCEANIA	**1.4**	**0.7**	**0.7**	**1.1**
STATELESS	**0.1**	–	**0.1**	**0.1**
ALL REGIONS	**108,538**	**93,433**	**11,207**	**100.0**

Midwest

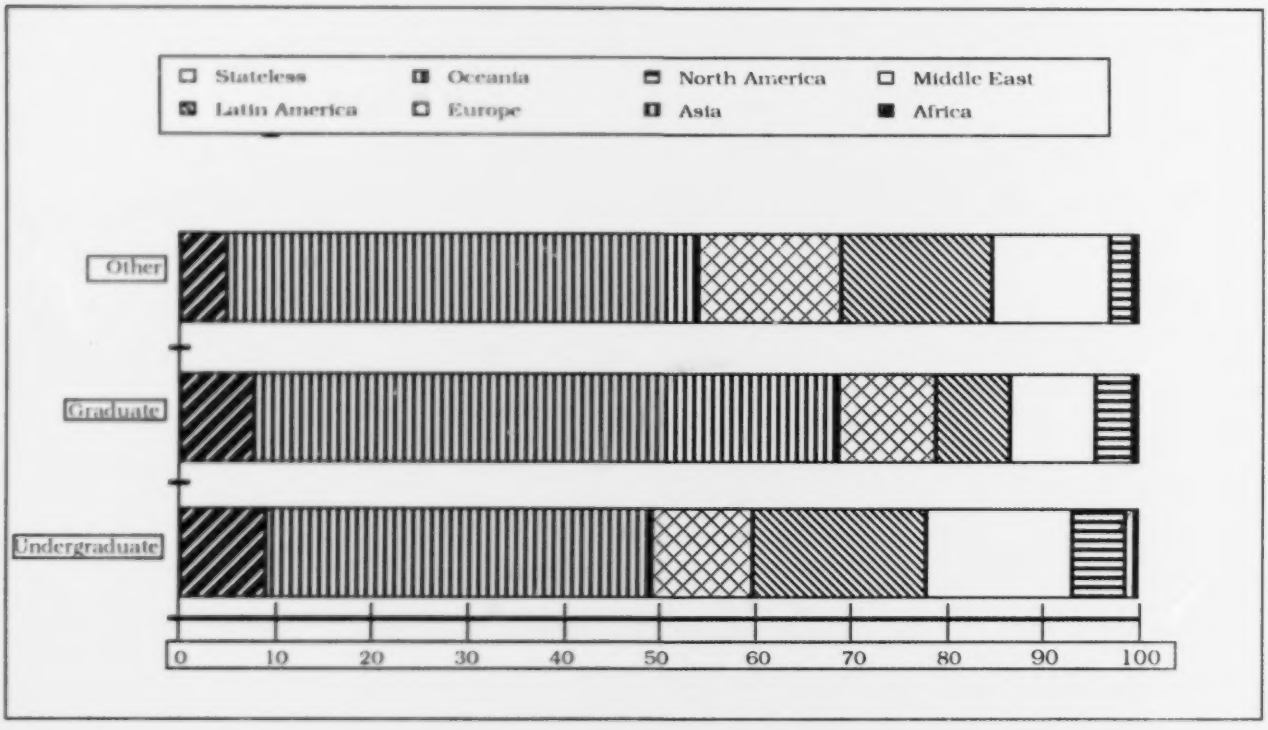
Well over half of the Midwest's foreign student population (58%) consisted of Asian students, the largest proportion of any U.S. region. Middle Easterners accounted for an additional 12% of the foreign students in the Midwest, and the remaining share consisted of approximately equal numbers of Africans, Europeans, Latin Americans, and North Americans. The representation of the Europeans here (9%) was the lowest in any region except the Southwest, and the share of Latin Americans (7%)

was the smallest, with the exception of the Pacific region.

Examination of the geographic origins of foreign students in individual states helps to explain why the Midwest had heavier concentrations from one world region and lower from others. The high proportion of Asians overall was partly due to their high concentration in Iowa; with 65% of its foreign students coming from Asia, Iowa had one of the highest concentrations of a particular regional group anywhere in the United States. High concentrations of Asians were also found in Wisconsin (63%), and Ohio (63%); these percentages are 10% above the national average. North Dakota and Michigan were the only states in the Midwest where Asians did not account for over half the foreign student population. With regard to other world groups, Africans were underrepresented in the Midwest, accounting for more of the foreign students than in the U.S. overall only in Minnesota (11%) and Nebraska (11%). In North Dakota and Michigan, disproportionately large percentages of North Americans (38% and 15% respectively) were enrolled in colleges and universities. North Dakota's 38% was seven times the national average, giving the Midwest a high percentage (12%) of North Americans, even though in only three of the twelve states in the region did North Americans account for more than 5% of the foreign students. Again, in evaluating the importance of these percentages, it should be kept in mind that actual enrollments vary widely from state to state; Michigan, for instance, had at least 15 times as many foreign students as North Dakota.

Not one of the Midwest states' foreign student bodies included Latin Americans in proportions equal to the U.S. average or even above ten percent. Particularly low was this group's representation in South Dakota, where they accounted for only 2% of the foreign students. The low proportions of Latin Americans in the foreign student populations of North Dakota (6%) and Ohio (7%) also contributed to lowering their representation in the Midwest overall, particularly since Ohio's total foreign student enrollment was quite large. Low European and Middle Eastern percentages in the Midwest are partly explained by North Dakota's enrollment pattern; only 3% of this state's stu-

3.A World Region of Origin of Foreign Students Within Academic Levels, 1987/88



dents were from Europe and only 6% were from the Middle East.

Mountain

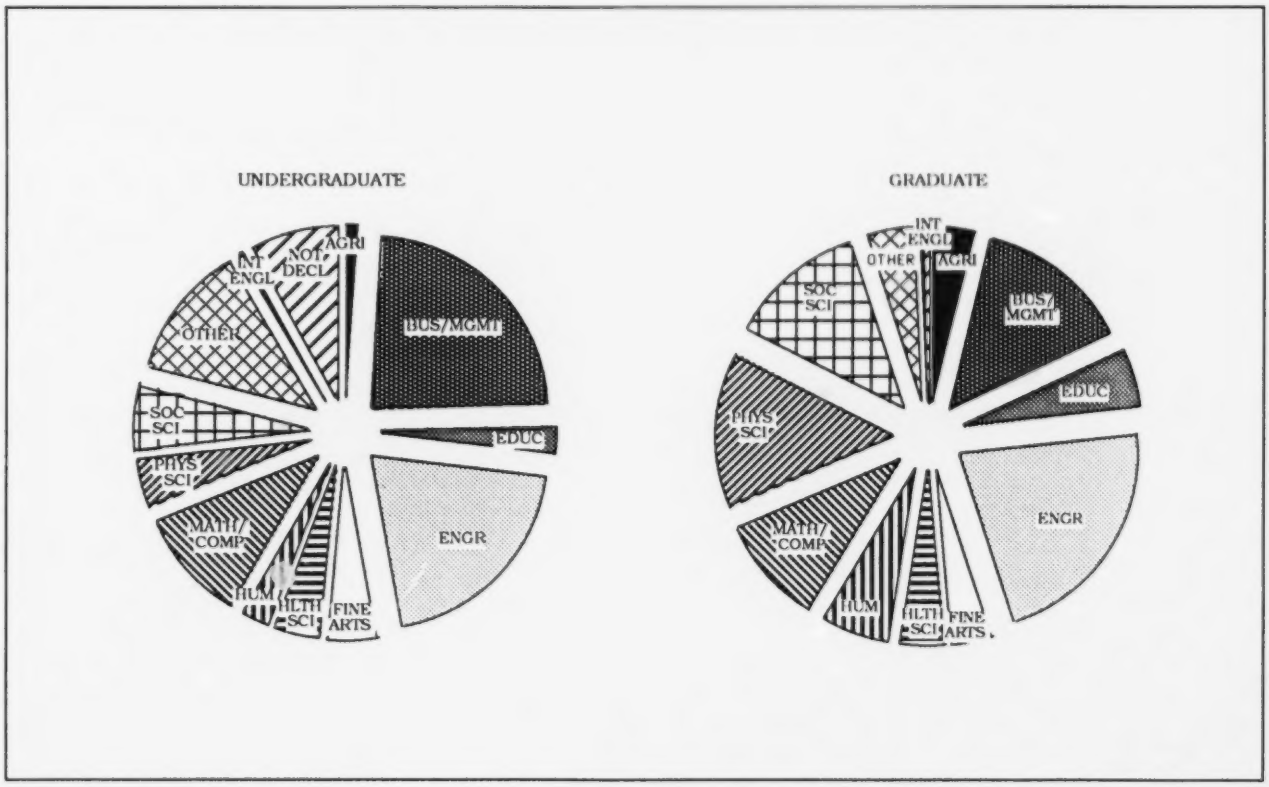
In 1987/88 the Mountain region was characterized by a high proportion of students from the Middle East, 15% compared to 12% nationally, and a relatively low proportion of students from Latin America, only 8% compared to 13% nationally. North Americans were slightly overrepresented, 2% above the national average. African, Asian, and European student shares were very close to figures for the whole country. Bear in mind that of all U.S. regions, the Mountain region has by far the smallest foreign student population.

With 23% of its foreign students originating in the Middle East, Colorado was largely responsible for the high percentage of Middle Easterners in the Mountain region. In all of the United States, only Oregon and Arizona had higher percentages of Middle Eastern students than Colorado. In other parts of this region different groups were predomi-

3.3 Field of Study of Foreign Students Within Academic Levels, 1987/88

FIELD OF STUDY	ACADEMIC LEVEL			All Levels
	Under-graduate	Graduate	Other	
Agriculture	1.2	4.0	1.0	2.4
Business & Mgmt.	23.4	13.9	6.0	18.3
Education	2.5	5.2	1.9	3.7
Engineering	20.1	21.9	6.0	20.1
Fine and Applied Arts	4.7	3.6	5.5	4.3
Health Sciences	4.0	4.0	1.2	3.8
Humanities	2.6	6.2	4.9	4.3
Math & Computer Sci.	10.2	9.8	2.9	9.6
Physical & Life Sci.	4.7	14.2	1.7	8.7
Social Sciences	6.2	12.2	3.4	8.7
Other	12.2	4.4	4.5	8.3
Intensive English Lan.	0.5	0.1	48.9	2.1
Undeclared	7.8	0.5	12.3	4.8
ALL FIELDS	**106,460**	**92,474**	**11,107**	**210,041**

3.B Field of Study of Foreign Students Within Academic Levels, 1987/88



3.4 *Gender of Foreign Students Within Fields of Study, 1987/88*

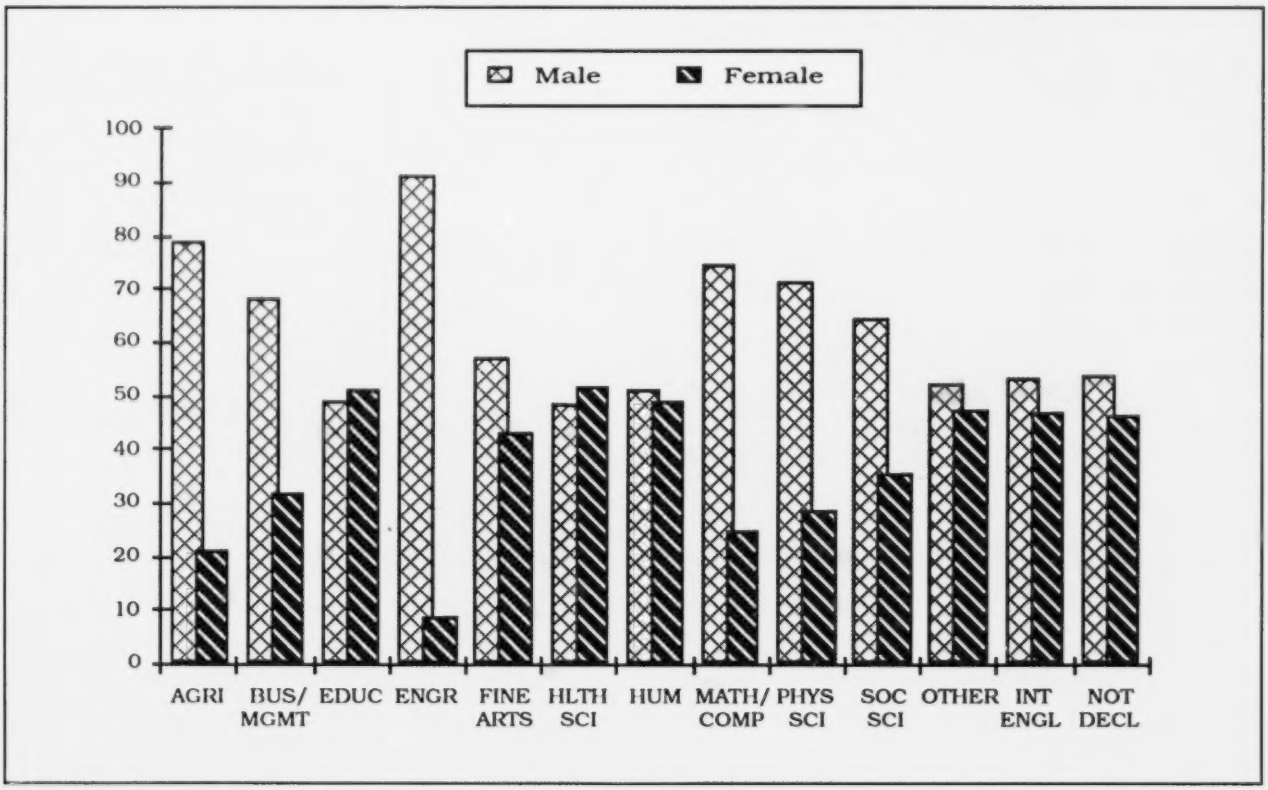
FIELD OF STUDY	GENDER		Number of Students
	Male	Female	
Agriculture	78.8	21.2	5,041
Business & Mgmt.	68.1	31.9	36,893
Education	49.0	51.0	7,440
Engineering	91.2	8.8	40,955
Fine and Applied Arts	57.0	43.0	8,730
Health Sciences	48.2	51.8	7,887
Humanities	51.2	48.8	8,305
Math & Computer Science	74.9	25.1	19,403
Physical & Life Sciences	71.4	28.6	17,983
Social Sciences	64.3	35.7	17,908
Other	52.4	47.6	16,624
Intensive English Language	53.1	46.9	4,168
Undeclared	53.9	46.1	9,454
ALL FIELDS	**68.7**	**31.3**	**200,791**

nant. A very high proportion of Utah's foreign students were from Asia (61%), a share 11% higher than the regional average and 10% higher than the national average. Wyoming's European student percentage was also disproportionately high; at 24% it was almost twice as large as Colorado's (the second largest host of European students in that region), and over twice as high as the regional and national averages. North American students, who accounted for only 5% of the national average, and 7% of the regional, made up 30% of Montana's small foreign student population. On the contrary, less than 5% of Montana's students were from Latin America or from the Middle East. Africans fared best in Colorado and Wyoming where they made up over 10% of each state's foreign student population, while Idaho was the only state where Oceanians accounted for more than 1% of the foreign students.

Pacific

Well over half the foreign students in the Pacific region (58%) came from Asia in 1987/88, making

3.C *Gender of Foreign Students Within Fields of Study, 1987/88*



the Pacific, along with the Midwest, the regions with the highest concentrations of Asians. Relatively few of the foreign students in this region were from Africa and Latin America (4% and 7%, respectively). The proportion of Europeans was about the same as the national average (10%), and the share of Middle Easterners was slightly above average at 15%. With the exception of slightly higher percentages of European and Latin American students, the regional pattern held true for California, the U.S. state which in 1987/88 enrolled the most foreign students. Due to geographic proximity, understandably, most of Hawaii's foreign students came from Asia (73%) and Oceania (15%). Similarly, Alaska's and Washington's foreign student bodies included large proportions of North Americans (18% and 7%, respectively).

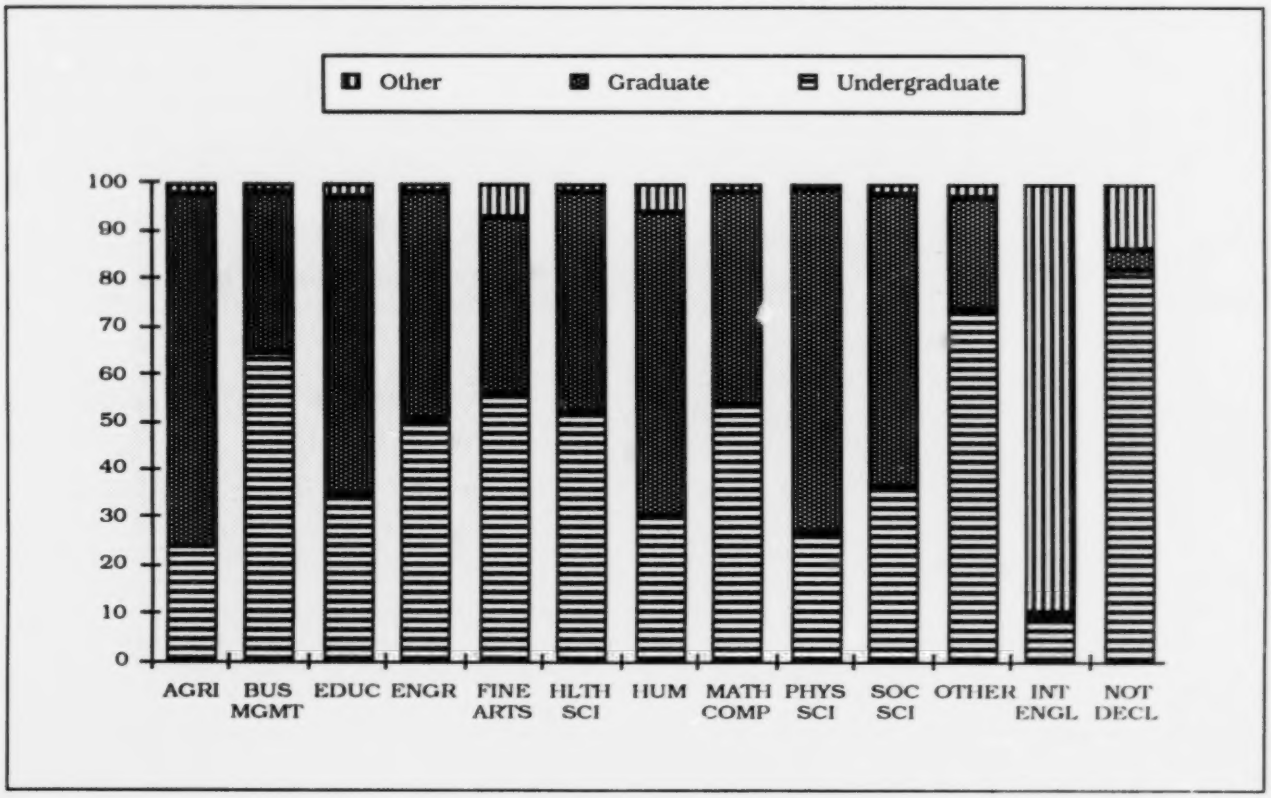
EDUCATIONAL DESTINATIONS

The remainder of this chapter will present the profiles of the foreign student populations at two academic destinations: academic level and field of

3.5 Academic Level of Foreign Students Within Fields of Study, 1987/88

FIELD OF STUDY	ACADEMIC LEVEL			Number of Students
	Undergraduate	Graduate	Other	
Agriculture	24.2	73.6	2.1	5,071
Business & Mgmt.	64.8	33.5	1.7	38,433
Education	34.8	62.4	2.8	7,681
Engineering	50.6	47.8	1.6	42,314
Fine and Applied Arts	56.2	37.0	6.8	8,945
Health Sciences	52.1	46.2	1.7	8,082
Humanities	30.7	63.3	6.0	9,021
Math & Computer Sci.	53.6	44.8	1.6	20,239
Physical & Life Sci.	27.2	71.7	1.1	18,272
Social Sciences	36.2	61.7	2.0	18,290
Other	74.0	23.1	2.8	17,506
Intensive English Lan.	8.5	1.9	89.6	6,055
Undeclared	82.1	4.5	13.4	10,132
ALL FIELDS	**50.9**	**44.0**	**5.3**	**210,041**

3.D Academic Level of Foreign Students Within Fields of Study, 1987/88



3.6 *Academic Level of Foreign Students Within Fields of Study Selected Years, 1963/64 - 1987/88*

FIELD OF STUDY[1] / YEAR	ACADEMIC LEVEL (Percentages) Undergraduate	Graduate	Other	Number of Students
Agriculture				
1963/64	35.1	55.0	9.9	2,294
1969/70	28.6	65.0	6.4	3,667
1973/74	27.9	67.3	4.8	3,688
1979/80	44.5	53.1	2.4	4,494
1987/88	24.2	73.6	2.1	5,071
Business & Management				
1963/64	59.0	31.4	9.6	6,262
1969/70	60.0	34.2	5.8	15,587
1973/74	65.1	32.7	2.2	18,963
1979/80	64.2	33.6	2.2	23,968
1987/88	64.8	33.5	1.7	38,433
Education				
1963/64	47.0	40.4	12.6	3,946
1969/70	44.2	50.0	5.8	7,779
1973/74	36.2	60.2	3.6	5,957
1979/80	41.4	56.7	1.9	7,161
1987/88	34.8	62.4	2.8	7,681
Engineering				
1963/64	58.3	36.6	5.1	16,549
1969/70	48.5	47.8	3.7	29,731
1973/74	51.2	45.1	3.7	31,187
1979/80	69.7	29.1	1.2	37,786
1987/88	50.6	47.8	1.6	42,314
Health Sciences				
1963/64	45.3	41.6	13.1	4,989
1969/70	51.4	39.9	8.7	5,969
1973/74	67.7	29.6	2.7	8,588
1979/80	58.2	39.5	2.3	5,926
1987/88	52.1	46.2	1.7	8,082
Humanities				
1963/64	52.0	28.7	19.3	14,602
1969/70	55.1	29.4	15.5	26,508
1973/74	55.3	30.2	14.5	26,034
1979/80	63.0	32.3	4.7	14,297
1987/88	43.4	50.2	6.4	17,966
Physical & Life Sciences				
1963/64	35.5	59.9	4.6	13,129
1969/70	33.7	62.3	4.0	21,406
1973/74	37.4	60.4	2.2	19,878
1979/80	46.6	51.3	2.1	15,655
1987/88	27.2	71.7	1.1	18,272
Social Sciences				
1963/64	40.2	52.0	7.8	11,330
1969/70	42.2	51.2	6.6	17,272
1973/74	40.0	57.1	2.9	16,419
1979/80	44.5	53.0	2.5	15,144
1987/88	36.2	61.7	2.0	18,290
Other				
1963/64	76.1	4.2	19.7	644
1969/70	80.7	5.5	13.8	597
1973/74	80.6	11.9	7.5	520
1979/80	53.3	9.8	36.9	22,224
1987/88	64.7	13.7	21.6	33,693
ALL FIELDS				
1963/64	48.2	41.9	9.9	73,745
1969/70	47.4	45.3	7.3	128,516
1973/74	50.4	44.3	5.3	130,984
1979/80	58.1	36.2	5.7	150,878
1987/88	55.7	39.5	4.8	216,872

[1] *Field of Study categories in this table are those used from 1963-1974 and differ from those currently in use. The Humanities category includes data for architecture and fine arts; Physical and Life Sciences includes math; and Other includes Intensive English, undeclared fields and other non-delineated fields. 1979/80 and 1987/88 survey data have been adjusted to be compatible with these categories.*

study. In other words, we will look at the characteristics of subgroups of foreign students based on their academic level (graduate or undergraduate) and on their fields of study. The fields of engineering, business and management, and physical and life sciences will be discussed in greater detail.

ACADEMIC LEVEL

Graduate Students

Over four-tenths (44%) of the foreign students in the United States in 1987/88 were studying at the graduate level as shown in **Table 2.6**. The most striking characteristic of this group is the predominance of students from Asia (**Table 2.9**). Over six-tenths of all graduate students (61%) were from this region, nearly four-tenths (39%) coming from East Asia alone (**Table 3.2 and Figure 3.A**). Middle Easterners and Europeans each represented roughly 10% of the foreign graduate students, while Africans and Latin Americans accounted for 8% each.

The most popular field of study among graduate students was engineering; 22% of them enrolled in this field (**Table 3.3 and Figure 3.B**). Other fields of study pursued by sizable proportions of foreign graduate students were business and management, enrolling 14%; the physical and life sciences, also selected by 14%; and the social sciences which attracted 12%. Each of the other fields was chosen by less than 10% of the graduate students.

Undergraduate Students

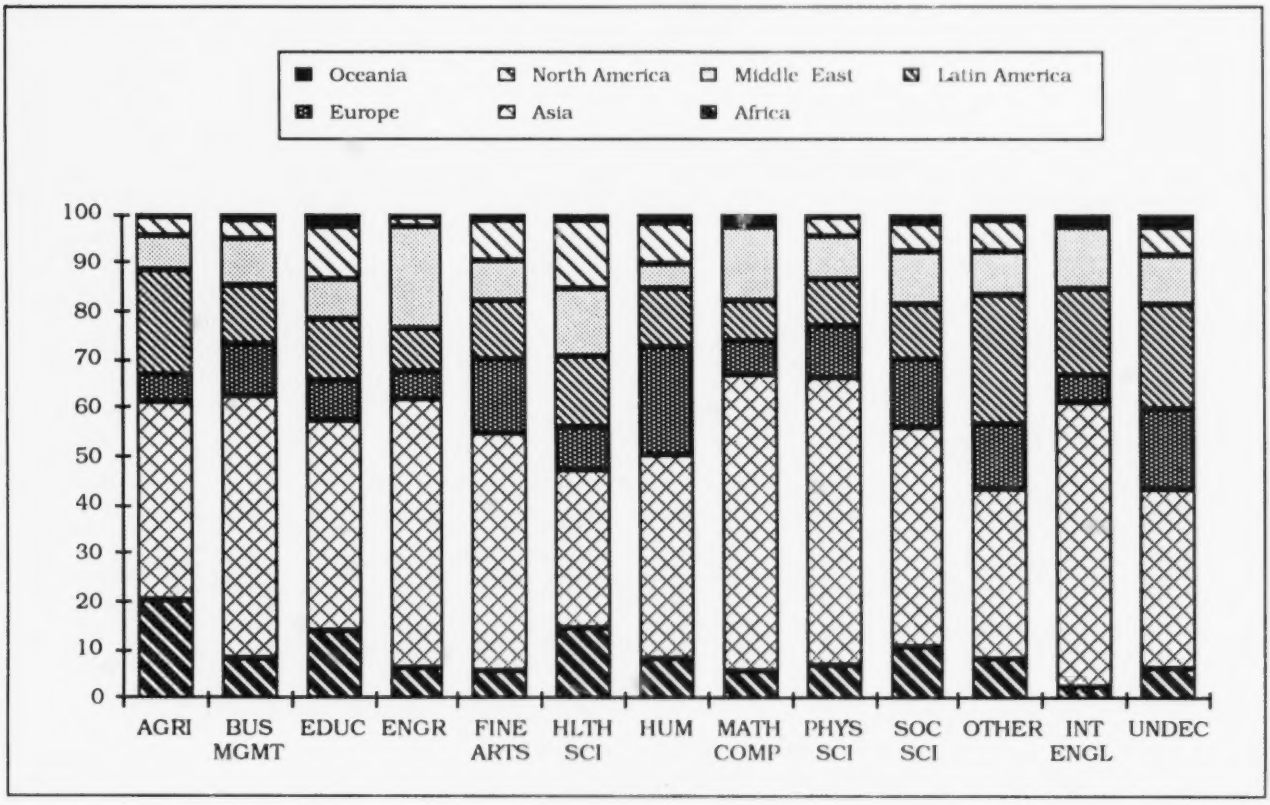
The geographic origins of undergraduate foreign students were more diverse than those of graduate students (**Table 3.2 and Figure 3.A**). Thus, although the largest number again came from Asia, only four-tenths of all undergraduate foreign students were from this region. Latin America was the region of origin of 18% of the foreign undergraduate population, a portion twice as high as that of graduate students. The Middle Easterners also accounted for a rather large share of undergraduates (15%); this came close to being twice as high as the Middle Easterners' representation among graduate students in the U.S. Of the remaining undergraduates, about 11% were European, 9% were Africans, 6% were North Americans, and a little over 1% were Oceanians.

Analysis of the fields of study chosen by undergraduates, presented in **Table 3.3 and Figure 3.B**, shows that over half of the undergraduate foreign

3.7 *World Region of Origin of Foreign Students Within Fields of Study, 1987/88 and 1979/80*

	1987/88							
	WORLD REGION (Percentages)							
FIELD OF STUDY	Africa	Asia	Europe	Latin America	Middle East	North America	Oceania	Number of Students
Agriculture	20.5	40.5	5.9	22.0	7.2	3.4	0.6	5,114
Business & Management	8.5	54.1	10.6	12.5	9.1	4.0	1.2	39,049
Education	14.2	42.9	8.6	12.7	8.6	10.7	2.3	7,800
Engineering	6.1	55.7	6.0	8.9	21.0	2.0	0.3	43,513
Fine and Applied Arts	5.4	49.7	15.2	12.3	8.2	8.1	1.2	9,122
Health Sciences	14.9	32.2	8.7	14.8	14.0	14.3	1.1	8,332
Humanities	8.1	42.2	22.2	12.5	5.2	7.8	2.0	9,249
Math & Computer Science	5.7	61.2	7.0	8.6	15.1	1.3	1.0	20,761
Physical & Life Sciences	6.9	59.5	10.9	9.2	9.1	3.8	0.5	18,814
Social Sciences	10.7	45.4	14.2	11.5	10.3	6.3	1.5	18,591
Other	8.2	34.8	13.4	26.8	8.9	6.6	1.2	17,855
Intensive English Language	2.3	58.8	5.8	18.0	12.5	0.3	2.2	5,522
Undeclared	6.2	37.0	16.9	21.6	10.2	6.0	2.2	10,670
ALL FIELDS	**8.1**	**50.2**	**10.5**	**13.1**	**12.2**	**4.7**	**1.1**	**214,389**
	1979/80							
	WORLD REGION (Percentages)							
FIELD OF STUDY	Africa	Asia	Europe	Latin America	Middle East	North America	Oceania	Number of Students
Agriculture	27.8	19.7	4.5	31.0	11.4	3.8	1.8	4,494
Business & Management	15.5	35.5	7.5	13.5	21.7	4.6	1.7	23,968
Education	15.6	22.2	7.0	16.0	18.4	15.7	5.1	7,161
Engineering	10.2	23.7	5.0	11.9	47.1	1.8	0.3	37,786
Fine and Applied Arts	9.8	27.1	11.5	14.3	23.1	12.7	1.5	6,780
Health Sciences	18.6	26.2	8.9	14.5	18.7	9.9	3.2	5,926
Humanities	10.1	29.0	18.9	15.7	10.9	12.6	2.8	7,517
Math & Computer Science	7.8	42.0	7.3	9.9	30.0	2.1	0.9	7,286
Physical & Life Sciences	14.2	36.5	9.5	14.2	20.2	4.0	1.4	12,592
Social Sciences	17.3	27.6	11.0	13.6	21.1	6.9	2.5	13,660
Other	12.1	26.1	10.2	15.6	24.2	9.0	2.8	9,784
Intensive English Language	3.5	19.1	4.5	42.6	30.0	0.3	–	3,630
Undeclared	10.1	24.4	12.8	17.0	25.9	8.1	1.7	10,294
ALL FIELDS	**12.6**	**28.6**	**7.9**	**14.8**	**29.2**	**5.4**	**1.5**	**150,878**

3.E World Region of Origin of Foreign Students Within Fields of Study, 1987/88



students chose just two fields: business and management, which drew 23% and engineering, which attracted 20% of them. It is interesting to note that, while about equal proportions of graduate and undergraduate students studied engineering, nearly twice as many undergraduates as graduate students selected business and management. The only other field that attracted as many as 10% of undergraduates was mathematics and computer sciences. Undergraduates showed little preference for the physical and life sciences and for the social sciences, which were popular among the graduate students.

FIELD OF STUDY

Engineering

Approximately one-fifth of both foreign undergraduate and graduate students studied engineering in 1987/88 (**Table 3.3 and Figure 3.B**). All but 9% of these students were males (**Table 3.4 and Figure 3.C**). Nearly half (49%) were from Asia, and an additional one-quarter (25%) were from the Middle East. Latin Americans, the third-largest group of engineering students, made up a much smaller proportion (9%), while the other regions each represented less than 7% of engineering students (**Table 3.7 and Figure 3.E**).

With regard to region of origin, graduate and undergraduate engineering students differed noticeably (**Table 3.8**). While Asians constituted close to seven-tenths (69%) of the graduate students in engineering, they comprised only four tenths (43%) of the undergraduates. The Middle East contributed only 13% of graduate students in engineering, but more than twice that proportion, 28%, of undergraduates. Latin America represented 13% of the undergraduates but a scant 5% of the graduate students in this field.

Comparison of the academic-level and field off proportions of engineering students with data from previous years reveals significant changes over time

3.8 *World Region of Origin and Academic Level of Foreign Students Within Field of Study, 1987/88*

	UNDERGRADUATE							
	WORLD REGION (Percentages)							
FIELD OF STUDY	Africa	Asia	Europe	Latin America	Middle East	North America	Oceania	Number of Students
Agriculture	23.2	23.4	6.5	33.1	7.1	6.2	0.5	1,218
Business & Management	9.6	47.5	10.6	15.4	10.8	4.5	1.6	24,468
Education	14.0	26.6	11.8	18.6	5.7	19.2	4.1	2,645
Engineering	7.0	43.2	5.4	12.7	28.3	2.9	0.4	21,113
Fine and Applied Arts	5.2	48.4	13.4	15.1	9.2	7.6	1.2	4,988
Health Sciences	17.9	23.2	6.7	21.2	15.8	14.5	0.7	4,163
Humanities	7.6	40.1	20.3	15.4	6.9	8.1	1.6	2,750
Math & Computer Science	7.2	50.4	6.6	12.2	21.2	1.4	1.0	10,625
Physical & Life Sciences	11.4	35.2	12.8	15.9	18.7	5.3	0.7	4,908
Social Sciences	11.7	35.0	16.3	15.8	9.4	9.2	2.5	6,553
Other	7.8	28.3	12.7	33.4	9.7	6.8	1.3	12,875
Intensive English Language	0.8	64.5	2.5	9.2	5.1	--	18.0	4,908
Undeclared	6.4	33.8	16.4	25.4	9.5	5.9	2.6	8,083
ALL FIELDS	**8.9**	**40.3**	**10.5**	**18.0**	**15.2**	**5.6**	**1.4**	**104,389**

	GRADUATE							
	WORLD REGION (Percentages)							
FIELD OF STUDY	Africa	Asia	Europe	Latin America	Middle East	North America	Oceania	Number of Students
Agriculture	19.2	46.3	5.8	18.5	7.1	2.5	0.5	3,728
Business & Management	6.5	65.9	10.5	7.1	6.1	3.3	0.5	12,693
Education	15.0	51.7	6.1	9.6	10.3	5.8	1.4	4,759
Engineering	5.2	68.6	6.6	5.2	13.0	1.2	0.2	20,093
Fine and Applied Arts	6.4	53.4	14.9	7.8	7.3	8.9	1.3	3,284
Health Sciences	11.6	42.4	10.9	8.4	11.5	13.7	1.5	3,721
Humanities	9.0	42.2	23.6	10.7	4.0	8.2	2.4	5,681
Math & Computer Science	4.2	74.4	7.5	4.5	7.9	1.2	0.4	9,018
Physical & Life Sciences	5.1	68.8	9.8	6.9	5.6	3.4	0.5	13,045
Social Sciences	10.0	51.9	12.3	9.1	10.9	4.8	1.0	11,219
Other	9.5	55.5	13.0	8.6	6.7	5.9	0.8	4,023
Intensive English Language	0.9	76.5	9.6	5.2	6.1	0.9	0.9	115
Undeclared	8.9	47.6	14.9	9.1	10.0	8.9	0.7	450
ALL FIELDS	**7.7**	**61.1**	**10.2**	**7.6**	**8.7**	**4.0**	**0.7**	**91,829**

3.9 Distribution of Foreign Students in Engineering and Business and Management Subfields, 1987/88

	ENGINEERING		
SUBFIELD	**Percent of Engineering Students**	**Percent of Students Reported**	**Number of Students Reported**
General	12.7	2.4	5,430
Chemical	5.7	1.1	2,436
Civil	12.0	2.3	5,128
Electrical	27.1	5.1	11,558
Industrial	4.8	0.9	2,042
Mechanical	12.2	2.3	5,214
Other Engineering[1]	18.7	3.5	7,977
Engin.Technologies[2]	6.7	1.3	2,839
ALL SUBFIELDS	**100.0**	**18.9**	**42,606**
	BUSINESS & MANAGEMENT		
SUBFIELD	**Percent of Bus & Mgmt Students**	**Percent of Students Reported**	**Number of Students Reported**
General	71.5	11.5	25,970
Accounting	9.6	1.5	3,494
Finance	7.5	1.2	2,724
Management	0.3	0.1	124
Marketing	6.9	1.1	2,493
Other Business	1.6	0.3	592
Office Administration	2.6	0.4	948
ALL SUBFIELDS	**100.0**	**16.1**	**34,345**

[1] *See Table 3.10 for a breakdown of the "Other Engineering" category.*
[2] *Data for this subfield appear here and in Tables 3.11 and A.6 only.*

(**Table 3.6**). The share of graduate students, a little more than one-third in the mid-60s (37%), rose rapidly to a high of 48% by 1969. That share remained high until the mid-70s when it plunged to a low of 29%. In the late 80s, however, the percentage of foreign graduate engineering students had risen again to proportions matching those of the late 60s when engineering had almost equal shares of graduate and undergraduate foreign students (**Table 3.6**).

Since 1979, the regional origin of engineering students has changed dramatically. The proportion of students in this field who came from Asia more than doubled between 1978 and 1987, going from 24% to 56%, while the proportion of students from the Middle East more than halved in the same period, dropping from 47% to 21% (**Table 3.7 and Figure 3.E**).

Engineering Subfields. Four major subfields of engineering drew the largest numbers of foreign students in 1987/88: electrical engineering, with 27% of the foreign engineering students; general engineering, with 13%; civil engineering, with 12%; and mechanical engineering, with 12% (**Table 3.9**).

The regional origins of students in the various subfields of engineering varied (**Table 3.11**). Relatively high proportions of general and civil engineering students were from the Middle East in 1987/88: about 28% and 24% respectively in, compared to only 21% of all engineering students were from this region. Conversely, relatively few (51%) of the students in general engineering were Asian, compared to the Asian average of 57%. The reverse was true of chemical engineering, where 10% of students were Middle Easterners and 68% from Asia. Asians were highly overrepresented among mechanical engineering students, accounting for 63% of them. Compared to other fields, Latin Americans constituted large proportions of students in industrial engineering (14%) and engineering technologies (22%).

Business and Management

About one-fifth of all foreign students (18%) studied business and management in 1987/88 (**Table 2.3**). Twenty-three percent of undergraduates and 14% of graduate students chose this field of study (**Table 3.3 and Figure 3.B**). While barely one-third (32%) of these students were female (**Table 3.4 and Figure 3.C**) the proportion of females in business and management was 23% higher than in engineering. Many more of the business and management majors than engineering majors were studying at the undergraduate level: six out of ten or 65% of business and management students compared to five out of ten or 51% of engineering students (**Table 3.5 and Figure 3.D**). As in engineering, over half of foreign business and management students (54%) were from Asia (**Table 3.7 and Figure 3.E**). Latin Americans constituted the second largest group in this field, accounting for 13% of the students. Africans and Middle Easterners represented roughly 9% each, while Europeans accounted for about 11%. It

is interesting to note the low representation of Middle Easterners in this field compared to their representation in other fields.

The geographic origins of graduate and undergraduate students in business and management were diverse (**Table 3.8**). Exactly two-thirds of graduate students (66%) were from Asia, while only four-tenths (48%) of undergraduates came from there. For other world groups, the ratios were reversed; 15% of undergraduates and 7% of graduate students were from Latin America, and 11% of the undergraduates were from the Middle East compared to 6% of graduate students.

The composition of foreign students in business and management by academic level has hardly changed in recent years, the ratio remaining roughly one graduate student to two undergraduates since 1979/80 (**Table 3.6**). The proportion of business and management students who come from Africa and the Middle East has declined by about one-half since that time, but Asia's representation registered a substantial increase, jumping from 36% to 48% (**Table 3.7 and Figure 3.E**).

Business and Management Subfields. Nearly three-quarters (72%) of the foreign students studying business and management in 1987/88 were enrolled in the subfield of general business and management. The next most popular subfield, accounting, attracted 10%, and another 8% were in finance. The remaining subfields each attracted student proportions of less than 7% (**Table 3.9**).

Looking at the region of origin of students within subfields, Africans were considerably overrepresented in accounting, constituting 16% of accounting students but only 9% of all students in the business and management field. Europeans and North Americans were proportionately somewhat underrepresented in accounting. Africans were underrepresented in the management subfield, while Asians were overrepresented. The subfield of office administration was characterized by a strikingly high proportion of students from Latin America (33%) and a comparatively low proportion of Asians, 33% (**Table 3.11**).

Mathematics and Computer Science

Math and computer science attracted almost equal shares of the graduate and undergraduate foreign student populations. Both had approximately 10% concentrating in this field (**Table 3.3 and Figure 3.B**) Breakdowns by academic level and gender within math and computer science, however, do not show such even distribution (**Tables 3.4,3.5, Figures 3.B, and 3.C**). A greater portion of foreign students studied math and computer science at the undergraduate (54%) than graduate (45%) level, and there were three times more males in this field (75%) than females (21%).

The distribution of math and computer science students by world region of origin (**Table 3.7 and Figure 3.E**) shows particularly high percentages of Asian students. With 61% of it s foreign enrollments coming from Asia it had the highest percentage of Asians of any field. Of the remaining portion of students from other world regions, rela-

3.10 Distribution of Foreign Students in "Other Engineering" Subfields, 1987/88

ENGINEERING SUBFIELD	Percent of Engineering Students	Number of Students Reported
Aerospace, aeronautical, and astronautical engineering	2.8	1,103
Petroleum engineering	1.2	472
Computer engineering	2.8	1,132
Agricultural engineering	1.0	392
Nuclear engineering	1.0	387
Engineering science	1.9	745
Materials engineering	1.6	638
Metallurgical engineering	0.7	283
Mining and mineral engineering	0.2	96
Architectural engineering	0.5	194
Bioengineering and biomedical engineering	1.1	423
Systems engineering	0.5	198
Environmental health engineering	0.3	135
Ocean engineering	0.3	134
Naval architecture and marine engineering	0.2	61
Engineering mechanics	2.0	789
Geological engineering	0.1	49
Ceramic engineering	0.3	111
Engineering physics	0.1	44
Textile engineering	–	–
Cartography	–	2
Geophysical engineering	–	12
Surveying and mapping sciences	0.1	45
Engineering, other	1.3	532
TOTAL,"OTHER ENGINEERING"	18.7	7,977

3.11 *World Region of Origin of Foreign Students Within Engineering and Business and Management Subfields, 1987/88*

	ENGINEERING							
	WORLD REGION (Percentages)							
SUBFIELD	Africa	Asia	Europe	Latin America	Middle East	North America	Oceania	Number of Students
General	6.9	50.5	4.9	7.6	27.5	2.5	0.2	5,397
Chemical	4.1	68.1	8.4	8.1	9.8	1.2	0.4	2,430
Civil	9.2	53.4	4.7	8.0	23.6	0.9	0.3	5,072
Electrical	4.9	61.2	6.2	6.3	20.6	0.7	0.1	11,346
Industrial	3.1	60.4	3.6	13.6	16.9	2.3	–	2,035
Mechanical	4.7	62.8	6.5	6.4	16.5	2.8	0.2	5,162
Other Engineering	5.1	56.7	6.9	8.0	20.7	2.5	0.2	7,917
Engineering Technologies[1]	12.1	29.4	4.2	21.5	26.9	4.4	1.5	2,823
ALL SUBFIELDS	**6.0**	**56.5**	**5.9**	**8.5**	**20.9**	**1.9**	**0.3**	**42,182**
	BUSINESS AND MANAGEMENT							
	WORLD REGION (Percentages)							
SUBFIELD	Africa	Asia	Europe	Latin America	Middle East	North America	Oceania	Number of Students
General	7.8	54.4	11.3	11.6	9.7	4.2	1.0	25,606
Accounting	15.5	55.6	4.1	11.1	8.6	3.1	1.8	3,357
Finance	9.7	59.4	10.5	10.5	7.5	2.0	0.3	2,719
Management	3.2	62.1	8.9	9.7	8.1	8.1	–	124
Marketing	8.3	46.0	14.8	18.1	6.3	5.7	0.9	2,442
Other Business	10.3	55.7	8.8	8.6	9.8	5.1	1.7	591
Office Administration	6.9	41.8	4.4	32.6	5.3	3.5	5.4	944
ALL SUBFIELDS	**8.7**	**54.0**	**10.6**	**12.4**	**9.1**	**4.1**	**1.1**	**35,783**

[1]*Data for this subfield appear here and in Tables 3.9 and A.4 only.*

tively large shares came from the Middle East (15%), Latin America (9%) and Europe (8%).

Half of the undergraduate students studying mathematics and computer science were from Asia, a greater portion than were in any other field at that level (**Table 3.8**). Middle Easterners were the second largest group with one-fifth of the computer science undergraduates coming from the Middle East. Conversely, North Americans were a very small part of that population, comprising only slightly over 1%.

Almost three-quarters of the foreign, computer science graduate students were from Asia (74%), and no other regional group made up more than 10% of the graduate computer science population.

The predominance of Asians and Middle Easterners in math and computer science has not

changed since 1979/80 (**Table 3.7**) although the percentage of Middle Easterners has fallen by half in this eight year period. The percentage of Latin Americans in the field has experienced only a slight decline, while the proportions of North Americans and Africans has decreased more significantly.

APPENDICES

A. Detailed Cross-Tabulations

A.1 Disaggregate Academic Level of Foreign Students by World Region of Origin, 1987/88

WORLD REGION	ACADEMIC LEVEL (Percentages)				Students Reported
	Associate	Bachelor	Graduate	Other	
Africa	10.3	45.3	41.4	3.1	17,372
Asia	6.6	34.6	53.6	5.2	106,179
Europe	8.4	42.1	42.2	7.3	22,599
Latin America	26.0	42.6	25.1	6.3	28,539
Middle East	13.9	49.3	31.5	5.2	26,118
North America	9.7	50.7	36.8	2.8	10,092
Oceania	19.7	46.5	30.3	3.5	2,279
ALL REGIONS	**10.9**	**40.0**	**43.8**	**5.8**	**213,178**

A.2 Academic Level of Foreign Students Within Fields of Study by World Region and Leading Place of Origin, 1987/88

WORLD REGION/ LOCALITY	FIELD OF STUDY/ACADEMIC LEVEL (Percentages)								
	AGRICULTURE			BUSINESS AND MANAGEMENT			EDUCATION		
	Ugrad	Grad	Other	Ugrad	Grad	Other	Ugrad	Grad	Other
AFRICA	**27.4**	**69.2**	**3.4**	**72.7**	**25.5**	**1.8**	**33.9**	**65.1**	**1.0**
Nigeria	29.6	67.8	2.6	68.4	30.5	1.2	38.4	61.0	0.6
South Africa	35.7	64.3	–	79.3	19.2	1.5	33.6	63.6	2.7
Egypt	4.3	94.7	1.1	54.1	41.1	4.8	3.2	96.8	–
Kenya	41.0	57.4	1.6	83.2	15.4	1.5	45.1	54.9	–
Ethiopia	14.3	81.0	4.8	87.4	10.5	2.1	52.9	47.1	–
ASIA	**13.9**	**84.3**	**1.8**	**57.1**	**41.2**	**1.7**	**21.7**	**75.8**	**2.6**
Taiwan	3.4	96.6	–	32.3	66.1	1.6	7.9	91.7	0.3
China	4.0	96.0	–	40.5	58.4	1.1	9.1	89.4	1.5
India	9.0	86.2	4.8	27.2	70.0	2.9	14.3	83.7	2.0
Korea, Rep. of	4.1	95.2	0.7	33.2	65.2	1.5	12.4	85.0	2.7
Malaysia	56.5	42.7	0.9	78.5	20.4	1.1	30.7	68.2	1.1
EUROPE	**26.4**	**72.2**	**1.3**	**64.1**	**33.0**	**2.8**	**47.8**	**44.9**	**7.2**
United Kingdom	33.3	66.7	–	70.6	27.1	2.3	48.0	41.7	10.3
Germany, F.R.	33.3	63.3	3.4	62.0	34.2	3.8	39.7	53.4	6.9
France	14.8	85.2	–	48.3	47.9	3.8	51.6	38.7	9.7
Greece	19.2	76.9	3.8	55.0	42.1	2.9	40.0	60.0	–
Spain	27.6	72.4	–	69.1	28.9	2.0	55.6	38.9	5.6
LATIN AMERICA	**36.2**	**62.1**	**1.6**	**79.4**	**19.0**	**1.6**	**50.4**	**46.9**	**2.8**
Mexico	27.7	71.8	0.5	71.6	26.8	1.6	43.4	53.0	3.6
Venezuela	63.1	36.9	–	70.4	26.1	3.5	36.8	57.9	5.3
Colombia	42.5	55.2	2.3	73.7	24.1	2.2	44.9	49.3	5.8
Brazil	9.3	90.7	–	64.3	34.8	0.9	32.6	65.2	2.2
Peru	22.7	77.3	–	71.9	25.3	2.7	45.7	51.4	2.9
MIDDLE EAST	**24.0**	**72.7**	**3.3**	**76.1**	**22.3**	**1.5**	**23.0**	**75.0**	**2.0**
Iran	10.6	88.3	1.1	66.6	30.4	3.0	25.6	74.4	–
Lebanon	34.9	62.8	2.3	80.0	18.8	1.2	28.6	65.7	5.7
Saudi Arabia	13.5	76.9	9.6	75.0	24.9	0.2	12.4	85.9	1.8
Jordan	48.3	44.8	6.9	79.1	19.8	1.1	19.0	81.0	–
Kuwait	80.0	10.0	10.0	88.7	9.6	1.7	38.0	62.0	–
NORTH AMERICA	**44.1**	**55.3**	**0.6**	**72.0**	**27.2**	**0.8**	**62.3**	**33.9**	**3.8**
Canada	44.0	55.4	0.6	69.8	29.5	0.8	60.9	35.0	4.1
OCEANIA	**21.4**	**71.4**	**7.1**	**85.0**	**14.3**	**0.7**	**60.9**	**38.0**	**1.1**
Australia	5.9	82.4	11.8	59.1	39.8	1.1	39.8	57.8	2.4
Pacific Island Trust Terr.	100.0	–	–	99.0	1.0	–	96.2	3.8	–
ALL REGIONS	**24.1**	**73.8**	**2.1**	**64.7**	**33.6**	**1.8**	**34.7**	**62.5**	**2.8**

A.2 *(continued)*

WORLD REGION/ LOCALITY	FIELD OF STUDY/ACADEMIC LEVEL (Percentages)								
	ENGINEERING			FINE AND APPLIED ARTS			HEALTH SCIENCES		
	Ugrad	Grad	Other	Ugrad	Grad	Other	Ugrad	Grad	Other
AFRICA	**57.5**	**40.6**	**1.9**	**54.0**	**43.9**	**2.1**	**62.0**	**35.8**	**2.2**
Nigeria	68.6	30.1	1.3	61.2	37.2	1.6	77.9	21.0	1.2
South Africa	63.1	36.0	0.9	47.4	49.1	3.5	47.4	51.5	1.0
Egypt	32.5	64.7	2.9	15.7	82.4	2.0	20.8	75.3	3.9
Kenya	78.0	21.1	0.9	90.5	9.5	–	60.0	36.7	3.3
Ethiopia	82.2	17.1	0.7	83.3	16.7	–	72.7	24.5	2.7
ASIA	**39.2**	**59.3**	**1.5**	**54.8**	**39.8**	**5.5**	**37.4**	**60.9**	**1.7**
Taiwan	10.6	87.5	2.0	34.2	63.6	2.2	20.4	78.6	1.1
China	13.9	84.6	1.4	26.5	70.0	3.4	18.3	79.8	1.9
India	16.4	81.4	2.2	30.3	68.2	1.5	30.1	67.7	2.2
Korea, Rep. of	14.4	85.0	0.6	38.2	58.9	2.9	29.1	69.8	1.1
Malaysia	90.6	8.8	0.6	83.2	15.2	1.6	75.0	23.8	1.2
EUROPE	**45.5**	**52.5**	**2.0**	**49.5**	**36.2**	**14.3**	**39.3**	**57.6**	**3.1**
United Kingdom	53.6	43.5	2.9	46.9	42.9	10.3	55.1	44.9	–
Germany, F.R.	45.3	49.2	5.5	51.9	34.9	13.2	38.5	56.9	4.6
France	35.5	60.1	4.4	44.6	31.4	24.0	18.5	69.2	12.3
Greece	32.5	67.3	0.2	49.0	40.2	10.8	30.9	69.1	–
Spain	62.9	36.2	1.0	47.8	39.1	13.0	25.5	74.5	–
LATIN AMERICA	**70.9**	**27.5**	**1.6**	**69.0**	**23.4**	**7.6**	**72.7**	**25.8**	**1.4**
Mexico	51.9	45.6	2.5	70.1	22.6	7.3	32.1	67.9	–
Venezuela	71.4	25.0	3.6	77.3	15.6	7.0	69.7	28.8	1.5
Colombia	60.5	37.5	1.9	71.2	22.0	6.8	48.1	48.1	3.9
Brazil	35.2	61.2	3.7	40.2	42.9	17.0	38.8	59.2	2.0
Peru	72.9	26.6	0.5	70.4	18.5	11.1	66.7	33.3	–
MIDDLE EAST	**68.5**	**30.0**	**1.5**	**62.9**	**33.1**	**4.0**	**59.6**	**38.8**	**1.5**
Iran	52.7	45.8	1.5	63.5	35.7	0.8	66.8	31.9	1.3
Lebanon	70.9	27.9	1.2	66.4	30.9	2.7	61.3	38.1	0.6
Saudi Arabia	73.5	25.7	0.8	40.6	57.8	1.6	47.7	51.4	0.9
Jordan	80.5	17.8	1.7	69.1	29.6	1.2	39.1	56.5	4.3
Kuwait	88.2	10.1	1.7	87.5	8.3	4.2	64.7	32.4	2.9
NORTH AMERICA	**70.8**	**27.8**	**1.4**	**53.0**	**41.1**	**5.9**	**53.8**	**45.5**	**0.7**
Canada	69.6	29.1	1.3	51.7	42.5	5.8	53.1	46.2	0.7
OCEANIA	**67.7**	**31.5**	**0.8**	**54.1**	**40.4**	**5.5**	**34.5**	**64.4**	**1.1**
Australia	51.9	48.1	–	42.6	50.0	7.4	23.2	76.8	–
Pacific Island Trust Terr.	98.1	1.9	–	100.0	–	–	90.0	10.0	–
ALL REGIONS	**50.4**	**48.0**	**1.6**	**56.2**	**37.0**	**6.8**	**51.9**	**46.4**	**1.7**

A.2 *(continued)*

WORLD REGION/ LOCALITY	FIELD OF STUDY/ACADEMIC LEVEL (Percentages)								
	HUMANITIES			MATHEMATICS AND COMPUTER SCIENCES			PHYSICAL AND LIFE SCIENCES		
	Ugrad	Grad	Other	Ugrad	Grad	Other	Ugrad	Grad	Other
AFRICA	**28.4**	**69.8**	**1.8**	**66.6**	**32.6**	**0.9**	**45.1**	**53.6**	**1.2**
Nigeria	26.3	73.1	0.6	65.6	33.5	0.9	52.7	46.2	1.1
South Africa	27.9	72.1	–	71.0	27.5	1.4	47.1	52.9	–
Egypt	11.8	82.4	5.9	43.2	56.8	–	15.3	83.1	1.6
Kenya	34.2	65.8	–	74.4	24.4	1.2	63.4	35.2	1.4
Ethiopia	59.2	37.0	3.7	86.7	11.4	1.9	64.7	35.3	–
ASIA	**29.1**	**63.2**	**7.7**	**43.4**	**54.9**	**1.4**	**16.0**	**83.1**	**0.9**
Taiwan	14.7	83.3	1.9	18.8	79.0	2.2	8.2	91.0	0.8
China	9.7	72.2	18.1	18.6	79.8	1.6	5.1	94.3	0.6
India	14.6	81.9	3.6	32.5	66.6	0.9	14.4	84.1	1.4
Korea, Rep. of	15.8	82.1	2.1	35.3	64.0	0.7	11.1	88.6	0.3
Malaysia	56.0	43.3	0.7	70.4	28.3	1.3	61.3	35.9	2.8
EUROPE	**28.2**	**67.9**	**3.9**	**49.7**	**47.7**	**2.9**	**32.1**	**65.3**	**2.6**
United Kingdom	28.0	69.5	2.5	59.3	37.2	3.5	31.9	65.1	3.0
Germany, F.R.	25.1	71.3	3.6	34.9	55.9	9.1	31.8	62.5	5.8
France	22.6	71.8	5.6	56.2	39.7	4.1	21.8	75.6	2.6
Greece	35.2	64.8	–	50.3	49.0	0.7	27.6	72.1	0.3
Spain	14.0	83.3	2.8	61.3	36.3	2.5	44.4	55.6	–
LATIN AMERICA	**37.5**	**53.8**	**8.7**	**74.3**	**23.5**	**2.2**	**45.9**	**53.1**	**1.1**
Mexico	28.5	47.7	23.8	64.6	34.0	1.4	22.0	76.0	2.0
Venezuela	38.3	58.3	3.3	81.0	16.4	2.6	35.0	64.2	0.7
Colombia	34.1	63.7	2.2	61.2	36.6	2.2	38.2	59.6	2.2
Brazil	32.1	58.0	9.8	56.6	38.9	4.4	17.3	81.4	1.3
Peru	46.5	53.5	–	80.0	18.8	1.2	32.4	67.6	–
MIDDLE EAST	**41.9**	**50.3**	**7.8**	**74.5**	**23.5**	**2.0**	**55.5**	**43.7**	**0.7**
Iran	55.4	39.2	5.4	66.5	31.4	2.1	63.6	35.6	0.9
Lebanon	41.0	53.8	5.1	74.7	23.0	2.3	65.2	34.8	–
Saudi Arabia	21.1	64.5	14.5	84.2	13.1	2.7	52.3	47.7	–
Jordan	55.4	39.8	4.8	78.4	20.5	1.2	44.0	55.2	0.8
Kuwait	61.5	34.6	3.8	88.7	9.5	1.8	69.0	31.0	–
NORTH AMERICA	**31.6**	**65.5**	**2.8**	**58.6**	**40.3**	**1.1**	**37.0**	**62.6**	**0.4**
Canada	30.4	66.7	2.9	55.0	43.8	1.2	35.8	63.8	0.4
OCEANIA	**23.6**	**74.2**	**2.2**	**75.3**	**24.0**	**0.7**	**34.7**	**65.3**	–
Australia	11.6	86.0	2.5	24.0	76.0	–	20.4	79.6	–
Pacific Island Trust Terr.	90.0	10.0	–	100.0	–	–	91.7	8.3	–
ALL REGIONS	**30.7**	**63.3**	**6.0**	**53.2**	**45.2**	**1.6**	**27.0**	**71.9**	**1.1**

A.2 *(continued)*

WORLD REGION/ LOCALITY	FIELD OF STUDY/ACADEMIC LEVEL (Percentages)								
	SOCIAL SCIENCES			OTHER			INTENSIVE ENGLISH		
	Ugrad	Grad	Other	Ugrad	Grad	Other	Ugrad	Grad	Other
AFRICA	**39.9**	**58.7**	**1.4**	**70.9**	**26.8**	**2.3**	**3.1**	**0.8**	**96.1**
Nigeria	45.2	54.2	0.6	62.0	34.6	3.4	33.3	–	66.7
South Africa	46.7	53.3	–	62.8	32.8	4.4	–	–	–
Egypt	11.5	87.2	1.3	48.1	48.1	3.8	7.1	7.1	85.7
Kenya	56.3	43.7	–	86.0	13.1	0.9	–	–	100.0
Ethiopia	31.3	64.6	4.2	92.7	7.3	–	–	–	100.0
ASIA	**27.8**	**70.6**	**1.6**	**60.1**	**36.5**	**3.2**	**10.3**	**2.8**	**86.9**
Taiwan	6.8	91.7	1.5	29.2	68.4	2.4	6.5	9.5	84.0
China	9.1	89.4	1.5	23.8	72.3	3.9	5.4	1.9	92.7
India	18.9	78.8	2.3	50.2	47.0	2.8	21.4	–	78.6
Korea, Rep. of	14.2	84.9	0.9	40.4	58.5	1.1	19.5	14.6	65.9
Malaysia	55.9	43.1	1.0	79.8	18.4	1.8	5.6	2.2	92.2
EUROPE	**41.3**	**53.3**	**5.4**	**71.9**	**22.9**	**5.2**	**4.0**	**3.4**	**92.5**
United Kingdom	42.3	49.2	8.5	75.8	19.1	5.1	–	60.0	40.0
Germany, F.R.	32.3	59.1	8.6	62.3	29.5	8.2	4.2	–	95.8
France	46.2	50.0	3.8	64.4	29.6	6.1	9.1	3.6	87.3
Greece	38.8	59.4	1.8	75.4	20.8	3.8	–	4.8	95.2
Spain	45.5	52.4	2.1	73.9	21.8	4.2	3.4	3.4	93.2
LATIN AMERICA	**49.4**	**48.5**	**2.0**	**90.8**	**7.3**	**1.9**	**4.7**	**0.6**	**94.7**
Mexico	38.5	60.1	1.3	79.7	18.9	1.4	2.1	0.3	97.6
Venezuela	56.7	39.2	4.2	91.2	6.8	2.0	2.7	2.7	94.5
Colombia	46.7	51.1	2.2	90.4	9.1	0.5	0.8	0.8	98.4
Brazil	32.8	62.1	5.2	78.8	18.0	3.2	8.0	–	92.0
Peru	43.9	54.7	1.4	88.5	7.7	3.8	4.0	–	96.0
MIDDLE EAST	**33.3**	**65.7**	**1.0**	**79.8**	**17.2**	**2.9**	**3.8**	**1.0**	**95.2**
Iran	31.7	67.3	1.0	85.9	12.1	2.0	1.3	–	98.8
Lebanon	43.3	56.0	0.7	75.1	15.4	9.5	2.5	–	97.5
Saudi Arabia	23.8	75.8	0.5	57.4	39.2	3.4	9.3	1.1	89.6
Jordan	33.2	65.3	1.6	81.5	15.9	2.6	5.5	1.1	93.4
Kuwait	46.7	50.0	3.3	87.5	10.9	1.6	1.4	–	98.6
NORTH AMERICA	**52.5**	**47.0**	**0.4**	**77.8**	**21.2**	**1.0**	–	**5.6**	**94.4**
Canada	51.3	48.3	0.5	77.4	21.6	1.0	–	6.3	93.8
OCEANIA	**58.8**	**39.4**	**1.8**	**80.9**	**17.1**	**2.0**	**75.4**	**0.8**	**23.8**
Australia	27.7	67.9	4.5	67.5	28.9	3.6	–	100.0	–
Pacific Island Trust Terr.	93.3	6.7	–	98.3	1.7	–	–	–	100.0
ALL REGIONS	**36.1**	**61.8**	**2.1**	**74.0**	**23.1**	**2.8**	**9.4**	**2.1**	**88.5**

A.3 Gender of Foreign Students Within Field of Study by World Region and Leading Place of Origin, 1987/88

WORLD REGION/ LOCALITY	FIELD OF STUDY/GENDER (Percentages)									
	AGRICULTURE		BUSINESS AND MANAGEMENT		EDUCATION		ENGINEERING		FINE AND APPLIED ARTS	
	M	F	M	F	M	F	M	F	M	F
AFRICA	**66.2**	**13.8**	**71.6**	**28.4**	**68.7**	**31.3**	**92.5**	**7.5**	**80.4**	**19.6**
Nigeria	84.9	15.1	77.9	22.1	76.9	23.1	94.5	5.5	88.1	11.9
South Africa	77.8	22.2	69.0	31.0	45.7	54.3	96.4	3.6	74.5	25.5
Egypt	91.6	8.4	85.0	15.0	77.4	22.6	92.8	7.2	72.5	27.5
Kenya	82.3	17.7	71.4	28.6	58.5	41.5	89.5	10.5	52.6	47.4
Ethiopia	90.5	9.5	46.3	53.7	61.5	38.5	85.8	14.2	66.7	33.3
ASIA	**75.3**	**24.7**	**66.0**	**34.0**	**40.8**	**59.2**	**91.1**	**8.9**	**52.6**	**47.4**
Taiwan	67.3	32.7	48.0	52.0	25.0	75.0	92.2	7.8	39.4	60.6
China	77.5	22.5	60.2	39.8	49.1	50.9	82.1	17.9	58.6	41.4
India	76.5	23.5	82.9	17.1	37.9	62.1	94.5	5.5	64.8	35.2
Korea, Rep. of	84.9	15.1	92.2	7.8	49.3	50.7	98.0	2.0	47.3	52.7
Malaysia	70.3	29.7	59.8	40.2	50.1	49.9	86.8	13.2	65.7	34.3
EUROPE	**66.1**	**33.9**	**71.5**	**28.5**	**46.1**	**53.9**	**88.4**	**11.6**	**57.4**	**42.6**
United Kingdom	57.1	42.9	67.3	32.7	47.4	52.6	86.7	13.3	61.6	38.4
Germany, F.R.	66.7	33.3	65.4	34.6	37.9	62.1	89.0	11.0	51.3	48.7
France	57.7	42.3	65.3	34.7	38.7	61.3	83.7	16.3	59.2	40.8
Greece	88.5	11.5	82.3	17.7	53.7	46.3	91.6	8.4	63.5	36.5
Spain	58.6	41.4	81.7	18.3	36.1	63.9	93.7	6.3	67.6	32.4
LATIN AMERICA	**81.1**	**18.9**	**59.9**	**40.1**	**39.4**	**60.6**	**85.1**	**14.9**	**58.1**	**41.9**
Mexico	86.6	13.4	72.0	28.0	48.8	51.2	91.3	8.7	68.1	31.9
Venezuela	73.8	26.2	67.3	32.7	43.2	56.8	85.2	14.8	59.2	40.8
Colombia	84.1	15.9	67.9	32.1	40.0	60.0	81.7	18.3	54.8	45.2
Brazil	81.7	18.3	74.7	25.3	48.3	51.7	91.0	9.0	54.3	45.7
Peru	90.9	9.1	61.9	38.1	38.2	61.8	87.8	12.2	40.0	60.0
MIDDLE EAST	**85.2**	**14.8**	**86.6**	**13.4**	**72.8**	**27.2**	**95.2**	**4.8**	**67.5**	**32.5**
Iran	80.0	20.0	61.9	38.1	68.9	31.1	88.7	11.3	54.9	45.1
Lebanon	75.6	24.4	84.7	15.3	59.4	40.6	97.6	2.4	67.0	33.0
Saudi Arabia	98.1	1.9	95.7	4.3	82.9	17.1	99.3	0.7	93.8	6.2
Jordan	88.9	11.1	91.2	8.8	74.2	25.8	98.1	1.9	68.8	31.2
Kuwait	90.0	10.0	93.3	6.7	71.3	28.7	97.3	2.7	65.2	34.8
NORTH AMERICA	**68.2**	**31.8**	**73.3**	**26.7**	**48.1**	**51.9**	**88.6**	**11.4**	**55.4**	**44.6**
Canada	69.3	30.7	75.5	24.5	49.3	50.7	88.6	11.4	55.5	44.5
OCEANIA	**82.1**	**17.9**	**52.2**	**47.8**	**56.4**	**43.6**	**89.7**	**10.3**	**61.8**	**38.2**
Australia	77.8	22.2	70.2	29.8	54.5	45.5	81.1	18.9	54.5	45.5
Pacific Island Trust Terr.	100.0	0.0	40.4	59.6	52.0	48.0	98.0	2.0	70.0	30.0
ALL REGIONS	**78.1**	**21.9**	**68.3**	**31.7**	**49.0**	**51.0**	**91.3**	**8.7**	**57.1**	**42.9**

A.3 *(continued)*

FIELD OF STUDY/GENDER (Percentages)													
HEALTH SCIENCES		HUMANITIES		MATH AND COMP SCIENCES		PHYSICAL AND LIFE SCIENCES		SOCIAL SCIENCES		OTHER		INTENSIVE ENGLISH	
M	F	M	F	M	F	M	F	M	F	M	F	M	F
50.4	**49.6**	**74.6**	**25.4**	**79.4**	**20.6**	**74.0**	**26.0**	**76.3**	**23.7**	**56.8**	**43.2**	**68.5**	**31.5**
50.8	49.2	72.9	27.1	81.0	19.0	77.3	22.7	81.4	18.6	63.3	36.7	66.7	33.3
52.7	47.3	72.5	27.5	83.1	16.9	71.4	28.6	61.4	38.6	49.6	50.4	0.0	0.0
58.1	41.9	72.1	27.9	81.1	18.9	76.3	23.7	74.3	25.7	69.2	30.8	77.8	22.2
59.0	41.0	73.9	26.1	63.6	36.4	66.2	33.8	66.7	33.3	44.8	55.2	100.0	0.0
38.7	61.3	73.7	26.3	62.5	37.5	67.3	32.7	74.5	25.5	45.4	54.6	60.0	40.0
50.0	**50.0**	**48.0**	**52.0**	**73.0**	**27.0**	**72.7**	**27.3**	**64.0**	**36.0**	**49.7**	**50.3**	**47.6**	**52.4**
45.3	54.7	28.3	71.7	66.1	33.9	72.2	27.8	55.9	44.1	32.3	67.7	46.2	53.8
52.8	47.2	57.2	42.8	74.3	25.7	73.3	26.7	65.5	34.5	57.5	42.5	53.1	46.9
54.8	45.2	47.0	53.0	83.7	16.3	71.4	28.6	51.5	48.5	57.0	43.0	60.0	40.0
53.6	46.4	66.5	33.5	82.5	17.5	83.0	17.0	84.1	15.9	61.4	38.6	55.9	44.1
53.1	46.9	34.0	66.0	55.4	44.6	54.5	45.5	60.7	39.3	50.9	49.1	63.0	37.0
55.1	**44.9**	**41.5**	**58.5**	**76.6**	**23.4**	**71.5**	**28.5**	**59.4**	**40.6**	**49.7**	**50.3**	**46.5**	**53.5**
44.7	55.3	55.7	44.3	72.4	27.6	72.4	27.6	59.7	40.3	51.7	48.3	33.3	66.7
53.8	46.2	42.9	57.1	72.4	27.6	72.9	27.1	53.6	46.4	48.9	51.1	18.8	81.2
53.1	46.9	25.7	74.3	72.4	27.6	71.0	29.0	53.4	46.6	38.6	61.4	38.3	61.7
69.1	30.9	36.4	63.6	86.0	14.0	78.8	21.2	68.8	31.2	71.3	28.7	82.4	17.6
60.0	40.0	38.4	61.6	77.8	22.2	67.0	33.0	61.8	38.2	54.3	45.7	48.0	52.0
38.1	**61.9**	**50.7**	**49.3**	**65.5**	**34.5**	**64.2**	**35.8**	**54.5**	**45.5**	**49.7**	**50.3**	**51.9**	**48.1**
54.4	45.6	66.8	33.2	75.0	25.0	74.1	25.9	59.7	40.3	54.4	45.6	48.9	51.1
29.9	70.1	42.4	57.6	69.0	31.0	58.1	41.9	52.9	47.1	53.0	47.0	41.2	58.8
36.8	63.2	48.3	51.7	61.0	39.0	74.8	25.2	52.5	47.5	51.0	49.0	59.8	40.2
36.7	63.3	45.0	55.0	69.6	30.4	63.6	36.4	56.6	43.4	49.1	50.9	58.7	41.3
33.3	66.7	40.7	59.3	77.0	23.0	67.1	32.9	54.1	45.9	45.9	54.1	47.6	52.4
58.7	**41.3**	**61.1**	**38.9**	**86.2**	**13.8**	**70.8**	**29.2**	**75.6**	**24.4**	**71.4**	**28.6**	**77.9**	**22.1**
46.6	53.4	50.8	49.2	72.4	27.6	61.0	39.0	60.5	39.5	58.2	41.8	55.0	45.0
72.2	27.8	42.1	57.9	86.1	13.9	77.9	22.1	72.3	27.7	71.1	28.9	66.7	33.3
85.4	14.6	79.2	20.8	96.0	4.0	87.7	12.3	94.8	5.2	82.3	17.7	71.3	28.7
66.2	33.8	78.0	22.0	95.2	4.8	85.0	15.0	82.8	17.2	84.2	15.8	91.2	8.8
77.1	22.9	63.2	36.8	95.9	4.1	83.7	16.3	88.3	11.7	92.8	7.2	86.0	14.0
37.7	**62.3**	**62.5**	**37.5**	**70.2**	**29.8**	**67.2**	**32.8**	**56.7**	**43.3**	**52.2**	**47.8**	**33.3**	**66.7**
38.3	61.7	62.7	37.3	72.2	27.8	67.8	32.2	57.2	42.8	52.9	47.1	30.0	70.0
53.4	**46.6**	**64.9**	**35.1**	**75.2**	**24.8**	**71.6**	**28.4**	**63.8**	**36.2**	**47.9**	**52.1**	**61.5**	**38.5**
53.4	46.6	73.7	26.3	92.3	7.7	72.0	28.0	63.3	36.7	48.1	51.9	100.0	0.0
40.0	60.0	55.6	44.4	65.8	34.2	66.7	33.3	68.9	31.1	51.7	48.3	50.0	50.0
48.2	**51.8**	**51.2**	**48.8**	**75.0**	**25.0**	**71.5**	**28.5**	**64.3**	**35.7**	**52.4**	**47.6**	**53.1**	**46.9**

A.4 Gender of Foreign Students Within Fields of Study and Academic Levels by World Region and Leading Place of Origin, 1987/88

WORLD REGION/ LOCALITY	UNDERGRADUATE									
	FIELD OF STUDY/GENDER (Percentages)									
	AGRICULTURE		BUSINESS AND MANAGEMENT		EDUCATION		ENGINEERING		FINE AND APPLIED ARTS	
	M	F	M	F	M	F	M	F	M	F
AFRICA	**83.7**	**16.3**	**68.3**	**31.7**	**67.1**	**32.9**	**91.8**	**8.2**	**75.7**	**24.3**
Nigeria	84.4	15.6	74.5	25.5	80.0	20.0	94.3	5.7	82.0	18.0
South Africa	77.8	22.2	68.8	31.2	43.2	56.8	97.1	2.9	69.2	30.8
Egypt	66.7	33.3	84.6	15.4	100.0	---	95.7	4.3	50.0	50.0
Kenya	88.0	12.0	69.4	30.6	54.1	45.9	90.2	9.8	47.1	52.9
Ethiopia	83.3	16.7	42.4	57.6	60.0	40.0	87.8	12.2	60.0	40.0
ASIA	**73.5**	**26.5**	**60.6**	**39.4**	**34.8**	**65.2**	**89.4**	**10.6**	**48.4**	**51.6**
Taiwan	90.0	10.0	34.7	65.3	34.1	65.9	85.4	14.6	28.0	72.0
China	75.0	25.0	47.8	52.2	26.8	73.2	80.3	19.7	43.2	56.8
India	85.7	14.3	77.6	22.4	27.6	72.4	93.3	6.7	58.6	41.4
Korea, Rep. of	81.8	18.2	87.4	12.6	43.4	56.6	92.9	7.1	47.3	52.7
Malaysia	73.0	27.0	58.8	41.2	43.4	56.6	86.4	13.6	64.8	35.2
EUROPE	**62.7**	**37.3**	**68.6**	**31.4**	**48.2**	**51.8**	**88.7**	**11.3**	**53.1**	**46.9**
United Kingdom	62.5	37.5	65.3	34.7	44.2	55.8	86.7	13.3	62.7	37.3
Germany, F.R.	60.0	40.0	60.5	39.5	38.1	61.9	87.0	13.0	46.7	53.3
France	--	100.0	62.2	37.8	43.8	56.2	84.9	15.1	49.1	50.9
Greece	100.0	--	78.0	22.0	72.7	27.3	93.0	7.0	68.0	32.0
Spain	62.5	37.5	80.7	19.3	45.0	55.0	95.1	4.9	75.8	24.2
LATIN AMERICA	**83.6**	**16.4**	**56.4**	**43.6**	**39.7**	**60.3**	**84.1**	**15.9**	**54.9**	**45.1**
Mexico	97.3	2.7	65.6	34.4	37.1	62.9	91.2	8.8	58.0	42.0
Venezuela	85.0	15.0	64.6	35.4	46.4	53.6	85.1	14.9	62.5	37.5
Colombia	89.2	10.8	63.2	36.8	53.3	46.7	81.7	18.3	55.6	44.4
Brazil	70.0	30.0	69.9	30.1	58.6	41.4	91.3	8.7	44.2	55.8
Peru	100.0	---	59.4	40.6	53.3	46.7	89.0	11.0	32.4	67.6
MIDDLE EAST	**85.9**	**14.1**	**86.3**	**13.7**	**70.7**	**29.3**	**95.6**	**4.4**	**66.0**	**34.0**
Iran	70.0	30.0	51.5	48.5	76.5	23.5	84.4	15.6	51.3	48.7
Lebanon	93.3	6.7	84.3	15.7	50.0	50.0	97.9	2.1	70.0	30.0
Saudi Arabia	85.7	14.3	96.2	3.8	57.9	42.1	99.5	0.5	92.0	8.0
Jordan	83.3	16.7	90.4	9.6	75.0	25.0	98.2	1.8	61.5	38.5
Kuwait	100.0	–	94.1	5.9	86.7	13.3	97.8	2.2	70.0	30.0
NORTH AMERICA	**66.7**	**33.3**	**71.8**	**28.2**	**49.1**	**50.9**	**89.7**	**10.3**	**52.3**	**47.7**
Canada	68.6	31.4	74.6	25.4	50.5	49.5	89.6	10.4	52.0	48.0
OCEANIA	**100.0**	--	**49.5**	**50.5**	**55.3**	**44.7**	**89.4**	**10.6**	**67.8**	**32.2**
Australia	100.0	–	71.7	28.3	46.4	53.6	70.4	29.6	62.1	37.9
Pacific Island Trust Terr.	100.0	–	40.5	59.5	54.2	45.8	98.0	2.0	77.8	22.2
ALL REGIONS	**79.1**	**20.9**	**64.7**	**35.3**	**47.3**	**52.7**	**90.6**	**9.4**	**53.6**	**46.4**

A.4 *(continued)*

UNDERGRADUATE													
FIELD OF STUDY/GENDER (Percentages)													
HEALTH SCIENCES		**HUMANITIES**		**MATH AND COMP SCIENCES**		**PHYSICAL AND LIFE SCIENCES**		**SOCIAL SCIENCES**		**OTHER**		**INTENSIVE ENGLISH**	
M	**F**	**M**	**F**	**M**	**F**	**M**	**F**	**M**	**F**	**M**	**F**	**M**	**F**
42.4	**57.6**	**54.7**	**45.3**	**74.7**	**25.3**	**63.1**	**36.9**	**67.9**	**32.1**	**51.9**	**48.1**	**75.0**	**25.0**
51.1	48.9	42.5	57.5	75.2	24.8	67.4	32.6	74.2	25.8	55.6	44.4	100.0	–
40.5	59.5	62.5	37.5	80.4	19.6	67.6	32.4	60.0	40.0	47.6	52.4	–	–
43.8	56.3	16.7	83.3	78.3	21.7	73.7	26.3	62.5	37.5	64.0	36.0	–	100.0
50.0	50.0	54.2	45.8	55.4	44.6	73.2	26.8	58.6	41.4	44.9	55.1	–	–
29.1	70.9	55.6	44.4	59.1	40.9	50.0	50.0	53.6	46.4	44.4	59.6	–	–
37.6	**62.4**	**35.4**	**64.6**	**69.3**	**30.7**	**64.1**	**35.9**	**53.8**	**46.2**	**48.7**	**51.3**	**48.6**	**51.4**
24.4	75.6	32.6	67.4	53.3	46.7	69.2	30.8	38.5	61.5	30.5	69.5	47.1	52.9
33.3	66.7	55.7	44.3	60.1	39.9	58.7	41.3	59.8	40.2	48.5	51.5	57.1	42.9
37.1	62.9	44.4	55.6	78.6	21.4	66.8	33.2	56.0	44.0	58.9	41.1	66.7	33.3
36.4	63.6	62.7	37.3	82.1	17.9	80.9	19.1	79.4	20.6	60.9	39.1	52.0	48.0
52.8	47.2	25.0	75.0	56.3	43.7	49.1	50.9	56.9	43.1	50.5	49.5	60.0	40.0
38.8	**61.2**	**35.0**	**65.0**	**74.6**	**25.4**	**63.4**	**36.6**	**57.1**	**42.9**	**48.2**	**51.8**	**38.5**	**61.5**
39.1	60.9	47.3	52.7	69.4	30.6	57.0	43.0	57.7	42.3	50.0	50.0	–	–
48.0	52.0	28.0	72.0	65.1	34.9	53.9	46.1	40.4	59.6	44.8	55.2	100.0	–
18.2	81.8	21.9	78.1	69.1	30.9	76.5	23.5	55.1	44.9	40.0	60.0	20.0	80.0
70.6	29.4	53.8	46.2	89.7	10.3	77.2	22.8	70.2	29.8	71.6	28.4	–	–
50.0	50.0	40.0	60.0	79.2	20.8	70.0	30.0	65.1	34.9	55.8	44.2	–	100.0
33.5	**66.5**	**43.1**	**56.9**	**61.3**	**38.7**	**54.9**	**45.1**	**48.1**	**51.9**	**49.9**	**50.1**	**38.6**	**61.4**
33.3	66.7	55.0	45.0	64.4	35.6	60.4	39.6	48.7	51.3	52.6	47.4	57.1	42.9
26.7	73.3	45.5	54.5	68.3	31.7	45.5	54.5	56.1	43.9	52.8	47.2	–	100.0
29.7	70.3	40.7	59.3	46.9	53.1	67.3	32.7	50.6	49.4	50.2	49.8	–	100.0
36.8	63.2	54.3	45.7	73.0	27.0	53.8	46.2	40.0	60.0	50.0	50.0	66.7	33.3
25.0	75.0	17.4	82.6	75.0	25.0	54.2	45.8	46.9	53.1	46.1	53.9	50.0	50.0
54.9	**45.1**	**50.4**	**49.6**	**85.6**	**14.4**	**65.0**	**35.0**	**70.0**	**30.0**	**71.8**	**28.2**	**65.2**	**34.8**
39.9	60.1	48.3	51.7	64.1	35.9	54.5	45.5	38.7	61.3	57.9	42.1	–	100.0
75.3	24.7	35.7	64.3	86.3	13.7	81.3	18.7	75.0	25.0	73.8	26.2	–	100.0
87.8	12.2	60.0	40.0	95.4	4.6	79.6	20.4	90.5	9.5	78.8	21.2	57.1	42.9
73.1	26.9	33.3	66.7	95.2	4.8	83.3	16.7	73.8	26.2	86.0	14.0	100.0	–
85.7	14.3	66.7	33.3	95.8	4.2	86.2	13.8	91.1	8.9	96.1	3.9	100.0	–
24.3	**75.7**	**56.2**	**43.8**	**61.1**	**38.9**	**59.3**	**40.7**	**56.0**	**44.0**	**51.8**	**48.2**	–	–
24.9	75.1	56.2	43.8	63.3	36.7	60.1	39.9	56.7	43.3	52.7	47.3	–	–
39.3	**60.7**	**38.5**	**61.5**	**70.1**	**29.9**	**57.1**	**42.9**	**61.5**	**38.5**	**47.1**	**52.9**	**63.0**	**37.0**
50.0	50.0	53.8	46.2	83.3	16.7	50.0	50.0	61.3	38.7	45.1	54.9	–	–
33.3	66.7	50.0	50.0	65.3	34.7	63.6	36.4	67.9	32.1	52.6	47.4	–	–
38.4	**61.6**	**40.6**	**59.4**	**72.4**	**27.6**	**62.3**	**37.7**	**57.0**	**43.0**	**51.7**	**48.3**	**51.5**	**48.5**

A.4 (continued)

WORLD REGION/ LOCALITY	GRADUATE									
	FIELD OF STUDY/GENDER (Percentages)									
	AGRICULTURE		BUSINESS AND MANAGEMENT		EDUCATION		ENGINEERING		FINE AND APPLIED ARTS	
	M	F	M	F	M	F	M	F	M	F
AFRICA	**87.3**	**12.7**	**80.5**	**19.5**	**69.7**	**30.3**	**93.9**	**6.1**	**84.9**	**15.1**
Nigeria	85.4	14.6	85.9	14.1	75.7	24.3	95.5	5.0	98.5	1.5
South Africa	77.8	22.2	67.6	32.4	49.2	50.8	97.5	2.5	76.9	23.1
Egypt	92.1	7.9	83.3	16.7	76.7	23.3	91.7	8.3	75.6	24.4
Kenya	80.0	20.0	80.5	19.5	62.2	37.8	86.4	13.6	100.0	–
Ethiopia	91.2	8.8	52.6	47.4	62.5	37.5	77.3	22.7	100.0	–
ASIA	**75.3**	**24.7**	**73.4**	**26.6**	**41.9**	**58.1**	**92.3**	**7.7**	**55.0**	**45.0**
Taiwan	66.5	33.5	53.7	46.3	24.2	75.8	93.1	6.9	46.3	53.7
China	77.4	22.6	67.8	32.2	51.7	48.3	82.4	17.6	63.6	36.4
India	74.3	25.7	84.6	15.4	40.0	60.0	94.9	5.1	67.4	32.6
Korea, Rep. of	85.2	14.8	94.8	5.2	49.9	50.1	98.9	1.1	47.1	52.9
Malaysia	66.0	34.0	63.8	36.2	53.6	46.4	90.8	9.2	69.1	30.9
EUROPE	**67.4**	**32.6**	**77.9**	**22.1**	**48.9**	**51.1**	**88.5**	**11.5**	**54.4**	**45.6**
United Kingdom	55.0	45.0	74.2	25.8	66.7	33.3	86.0	14.0	58.9	41.1
Germany, F.R.	68.4	31.6	72.1	27.9	35.5	64.5	92.2	7.8	46.2	53.8
France	65.2	34.8	68.2	31.8	33.3	66.7	83.8	16.2	51.4	48.6
Greece	85.0	15.0	87.2	12.8	40.6	59.4	90.7	9.3	53.7	46.3
Spain	57.1	42.9	86.2	13.8	28.6	71.4	90.6	9.4	59.3	40.7
LATIN AMERICA	**79.3**	**20.7**	**75.3**	**24.7**	**38.8**	**61.2**	**87.4**	**12.6**	**60.7**	**39.3**
Mexico	83.5	16.5	86.7	13.3	62.5	37.5	92.0	8.0	87.1	12.9
Venezuela	54.2	45.8	77.0	23.0	39.0	61.0	84.0	16.0	50.0	50.0
Colombia	81.3	18.8	77.0	23.0	23.3	76.7	82.6	17.4	53.8	46.2
Brazil	82.8	17.2	82.9	17.1	43.6	56.4	92.3	7.7	54.8	45.2
Peru	88.2	11.8	75.7	24.3	23.5	76.5	84.6	15.4	40.0	60.0
MIDDLE EAST	**84.5**	**15.5**	**88.0**	**12.0**	**74.2**	**25.8**	**94.4**	**5.6**	**69.0**	**31.0**
Iran	80.7	19.3	82.8	17.2	66.7	33.3	93.5	6.5	61.9	38.1
Lebanon	66.7	33.3	87.6	12.4	59.1	40.9	97.2	2.8	62.1	37.9
Saudi Arabia	100.0	–	93.7	6.3	87.9	12.1	99.1	0.9	97.2	2.8
Jordan	92.3	7.7	93.1	6.9	75.5	24.5	97.5	2.5	81.8	18.2
Kuwait	–	100.0	90.9	9.1	64.5	35.5	94.3	5.7	50.0	50.0
NORTH AMERICA	**69.1**	**30.9**	**78.1**	**21.9**	**46.7**	**53.3**	**86.6**	**13.4**	**59.4**	**40.6**
Canada	69.6	30.4	78.3	21.7	47.6	52.4	86.6	13.4	59.6	40.4
OCEANIA	**80.0**	**20.0**	**73.6**	**26.4**	**59.1**	**40.9**	**89.7**	**10.3**	**47.6**	**52.4**
Australia	78.6	21.4	71.4	28.6	60.9	39.1	92.0	8.0	40.6	59.4
Pacific Island Trust Terr.	–	–	–	100.0	–	100.0	100.0	–	–	–
ALL REGIONS	**78.4**	**21.6**	**75.6**	**24.4**	**50.3**	**49.7**	**92.1**	**7.9**	**58.7**	**41.3**

A.4 *(continued)*

GRADUATE													
FIELD OF STUDY/GENDER (Percentages)													
HEALTH SCIENCES		**HUMANITIES**		**MATH AND COMP SCIENCES**		**PHYSICAL AND LIFE SCIENCES**		**SOCIAL SCIENCES**		**OTHER**		**INTENSIVE ENGLISH**	
M	**F**	**M**	**F**	**M**	**F**	**M**	**F**	**M**	**F**	**M**	**F**	**M**	**F**
64.0	**36.0**	**82.2**	**17.8**	**88.8**	**11.2**	**82.0**	**18.0**	**81.9**	**18.1**	**68.6**	**31.4**	**100.0**	–
50.0	50.0	83.9	16.1	91.4	8.6	86.7	13.3	86.8	13.2	73.3	26.7	–	–
72.1	27.9	76.8	23.2	88.9	11.1	72.7	27.3	63.8	36.2	50.0	50.0	100.0	–
59.3	40.7	83.3	16.7	82.5	17.5	76.7	23.3	75.4	24.6	79.2	20.8	–	–
85.0	15.0	84.4	15.6	85.0	15.0	58.3	41.7	74.6	25.4	53.8	46.2	–	–
63.0	37.0	88.9	11.1	83.3	16.7	94.1	5.9	85.5	14.5	71.4	28.6	–	–
57.2	**42.8**	**53.3**	**46.7**	**76.1**	**23.9**	**74.3**	**25.7**	**68.6**	**31.4**	**50.7**	**49.3**	**33.3**	**66.7**
50.7	49.3	27.0	73.0	69.0	31.0	72.2	27.8	57.8	42.2	32.7	67.3	20.0	80.0
57.6	42.4	58.0	42.0	77.7	22.3	74.0	26.0	66.6	33.4	60.6	39.4	20.0	80.0
61.8	38.2	46.8	53.2	86.4	13.6	71.9	28.1	50.2	49.8	55.3	44.7	–	–
62.0	38.0	66.9	33.1	82.6	17.4	83.2	16.8	85.1	14.9	61.0	39.0	–	100.0
54.3	45.7	46.8	53.2	54.1	45.9	66.9	33.1	67.3	32.7	54.3	45.7	50.0	50.0
68.2	**31.8**	**44.1**	**55.9**	**79.8**	**20.2**	**75.6**	**24.4**	**62.0**	**38.0**	**55.8**	**44.2**	**45.5**	**54.5**
52.1	47.9	58.9	41.1	73.0	27.0	81.0	19.0	64.7	35.3	59.2	40.8	33.3	66.7
54.3	45.7	48.8	51.2	84.3	15.7	81.9	18.1	59.4	40.6	60.4	39.6	–	–
72.7	27.3	27.0	73.0	78.7	21.3	69.9	30.1	53.4	46.6	36.5	63.5	–	100.0
66.7	33.3	31.0	69.0	82.6	17.4	78.8	21.2	67.2	32.8	70.4	29.6	100.0	–
63.6	36.4	37.0	63.0	71.4	28.6	64.6	35.4	60.0	40.0	58.3	41.7	50.0	50.0
51.5	**48.5**	**55.6**	**44.4**	**79.5**	**20.5**	**71.4**	**28.6**	**61.2**	**38.8**	**50.7**	**49.3**	**66.7**	**33.3**
64.2	35.8	73.9	26.1	84.7	15.3	76.9	23.1	66.7	33.3	64.1	35.9	100.0	–
42.1	57.9	42.4	57.6	71.4	28.6	63.9	36.1	50.0	50.0	60.0	40.0	–	100.0
42.9	57.1	49.1	50.9	81.6	18.4	79.0	21.0	54.9	45.1	54.5	45.5	100.0	–
32.1	67.9	41.9	58.1	68.2	31.8	66.4	33.6	64.5	35.5	46.2	53.8	–	–
50.0	50.0	57.1	42.9	86.7	13.3	73.5	26.5	62.0	38.0	40.0	60.0	–	–
65.5	**34.5**	**66.2**	**33.8**	**87.6**	**12.4**	**78.5**	**21.5**	**78.4**	**21.6**	**70.4**	**29.6**	**71.4**	**28.6**
59.5	40.5	61.5	38.5	86.6	13.4	71.3	28.7	70.1	29.9	56.7	43.3	–	–
72.9	27.1	42.9	57.1	87.0	13.0	73.5	26.5	70.7	29.3	64.5	35.5	–	–
86.3	13.7	85.7	14.3	100.0	–	96.0	4.0	96.8	3.2	91.0	9.0	100.0	–
62.9	37.1	83.9	16.1	94.3	5.7	88.2	11.8	87.6	12.4	76.2	23.8	100.0	–
54.5	45.5	55.6	44.4	96.2	3.8	76.9	23.1	86.7	13.3	71.4	28.6	–	–
54.3	**45.7**	**66.1**	**33.9**	**82.4**	**17.6**	**72.0**	**28.0**	**58.0**	**42.0**	**54.2**	**45.8**	–	**100.0**
54.5	45.5	66.2	33.8	82.4	17.6	72.3	27.7	58.2	41.8	54.4	45.6	–	100.0
61.8	**38.2**	**73.2**	**26.8**	**91.4**	**8.6**	**78.5**	**21.5**	**67.6**	**32.4**	**58.1**	**41.9**	**100.0**	–
54.8	45.2	76.5	23.5	94.7	5.3	76.9	23.1	64.3	35.7	59.1	40.9	100.0	–
100.0	–	100.0	–	–	–	100.0	–	83.3	16.7	–	100.0	–	–
59.4	**40.6**	**56.1**	**43.9**	**78.2**	**21.8**	**74.8**	**25.2**	**69.0**	**31.0**	**54.8**	**45.4**	**42.3**	**57.7**

A.5 World Region of Origin of Foreign Students Within Academic Levels, 1987/88

WORLD REGION	ACADEMIC LEVEL					
	BACHELOR (Percentages)					
	Freshman	Sophomore	Junior	Senior	Unspecified	Students Reported
Africa	22.1	17.7	18.9	28.6	12.7	7,861
Asia	20.2	16.3	20.4	25.7	17.4	36,713
Europe	23.4	16.5	16.9	20.0	23.2	9,520
Latin America	23.1	16.4	18.5	24.3	17.7	12,169
Middle East	17.9	18.3	20.5	25.1	18.1	12,888
North America	24.6	18.7	19.0	22.7	14.8	5,117
Oceania	36.2	19.5	17.7	16.3	10.2	1,059
ALL REGIONS	**21.3**	**16.9**	**19.5**	**24.7**	**17.5**	**85,327**

WORLD REGION	GRADUATE (Percentages)				
	Master's	Doctoral	Professional Training	Unspecified	Students Reported
Africa	44.0	34.6	2.4	19.0	7,187
Asia	48.0	37.8	0.9	13.3	56,921
Europe	43.2	37.8	3.5	15.5	9,526
Latin America	50.1	33.9	2.5	13.5	7,159
Middle East	43.0	39.4	2.3	15.3	8,240
North America	39.2	37.6	9.6	13.6	3,710
Oceania	30.7	49.8	4.3	15.0	690
ALL REGIONS	**46.5**	**37.4**	**1.9**	**14.1**	**93,433**

WORLD REGION	OTHER (Percentages)			
	Practical Training	Nondegree	Intensive English Language	Students Reported
Africa	26.4	48.9	24.7	534
Asia	16.5	28.5	54.9	5,510
Europe	12.6	66.8	20.6	1,658
Latin America	12.6	27.6	59.7	1,787
Middle East	13.9	29.9	56.2	1,354
North America	21.5	72.5	6.0	284
Oceania	15.0	46.2	38.7	80
ALL REGIONS	**15.6**	**36.4**	**48.0**	**11,207**

A.6 World Region and Leading Place of Origin of Foreign Students Within Engineering Subfields, 1987/88

WORLD REGION/ LOCALITY	ENGINEERING SUBFIELD (Percentages)								Number of Students Reported
	General	Chemical	Civil	Electrical	Industrial	Mechanical	Other Engin.	Engin. Technologies	
AFRICA	**14.6**	**3.9**	**18.3**	**21.9**	**2.5**	**9.6**	**15.8**	**13.4**	**2,547**
Nigeria	10.9	3.0	15.9	13.4	2.1	7.5	10.7	36.4	439
South Africa	17.8	15.0	14.0	17.8	–	9.3	16.8	9.3	107
Egypt	13.6	1.4	27.8	23.1	2.4	10.1	17.6	4.0	425
Kenya	25.7	5.9	10.9	20.8	1.0	9.9	12.9	12.9	101
Ethiopia	31.3	2.7	5.4	22.4	1.4	4.8	11.6	20.4	147
ASIA	**11.4**	**6.9**	**11.4**	**29.2**	**5.2**	**13.6**	**18.8**	**3.5**	**23,829**
Taiwan	8.8	7.5	11.2	24.8	6.6	14.8	23.2	3.0	4,161
China	8.4	5.1	7.6	32.1	2.5	18.6	23.8	1.9	3,011
India	10.7	11.9	8.7	25.5	7.2	14.8	19.3	1.9	4,280
Korea, Rep. of	8.8	6.8	9.2	26.6	4.9	16.9	25.4	2.0	2,278
Malaysia	13.0	6.2	21.9	29.5	5.3	11.7	8.8	3.7	3,534
EUROPE	**10.7**	**8.2**	**9.6**	**28.2**	**3.0**	**13.6**	**21.6**	**4.8**	**2,481**
United Kingdom	14.3	5.7	6.3	29.7	5.0	10.3	21.7	7.0	300
Germany, F.R.	11.6	6.2	5.8	22.8	4.2	17.4	25.1	6.9	259
France	10.0	8.2	9.0	28.7	3.6	16.5	20.1	3.9	279
Greece	9.9	15.8	11.1	26.1	2.2	12.0	19.9	2.9	583
Spain	14.4	3.8	9.6	26.9	4.8	4.8	32.7	2.9	104
LATIN AMERICA	**11.4**	**5.5**	**11.4**	**20.0**	**7.7**	**9.3**	**17.7**	**17.0**	**3,568**
Mexico	6.6	9.9	9.7	19.6	10.5	12.5	21.9	9.2	392
Venezuela	12.4	4.2	11.5	15.7	0.2	13.1	18.5	16.4	427
Colombia	15.9	4.7	17.2	14.2	8.8	6.4	20.9	11.8	296
Brazil	15.8	3.3	13.5	19.1	1.4	10.7	31.6	4.7	215
Peru	12.8	2.0	9.2	21.9	10.2	11.2	21.4	11.2	196
MIDDLE EAST	**16.8**	**2.7**	**13.5**	**26.5**	**3.9**	**9.6**	**18.5**	**8.6**	**8,836**
Iran	15.0	4.5	10.5	30.8	2.1	11.7	18.3	7.4	1,826
Lebanon	13.6	1.5	18.3	26.9	2.8	9.0	15.2	12.8	1,549
Saudi Arabia	9.9	3.6	15.4	21.4	7.8	9.8	20.4	11.7	805
Jordan	20.8	2.2	15.8	26.2	3.4	9.4	15.6	6.6	1,206
Kuwait	18.1	1.7	7.1	17.7	8.2	5.8	29.9	11.5	722
NORTH AMERICA	**16.6**	**3.6**	**5.8**	**9.8**	**5.8**	**18.2**	**24.8**	**15.5**	**809**
Canada	16.7	3.7	5.9	9.8	6.0	18.7	25.7	13.4	777
OCEANIA	**8.9**	**8.0**	**11.6**	**13.4**	**0.9**	**7.1**	**13.4**	**36.6**	**112**
Australia	12.0	12.0	14.0	20.0	–	8.0	24.0	10.0	50
Pacific Is. Trust Terr.	–	–	0.1	–	0.1	–	–	2.0	41
ALL REGIONS	**14.9**	**5.2**	**14.2**	**27.3**	**4.1**	**12.8**	**13.9**	**7.6**	**47,896**

A.7 World Region and Leading Place of Origin of Foreign Students Within Business and Management Subfields, 1987/88

WORLD REGION/ LOCALITY	BUSINESS AND MANAGEMENT SUBFIELD (Percentages)							Students Reported
	General	Accounting	Finance	Management	Marketing	Other Business	Office Admin.	
AFRICA	**64.2**	**16.7**	**8.5**	**0.1**	**6.5**	**2.0**	**2.1**	**3,122**
Nigeria	54.8	22.8	10.6	0.3	7.1	2.4	2.0	1,232
South Africa	72.5	15.3	2.1	–	9.0	0.5	0.5	198
Egypt	75.7	7.9	4.3	–	7.1	2.1	2.9	140
Kenya	71.3	10.7	6.5	–	8.0	2.3	1.1	261
Ethiopia	68.8	21.2	3.2	–	2.6	1.1	3.2	189
ASIA	**73.0**	**9.7**	**8.4**	**0.4**	**5.8**	**1.7**	**2.0**	**19,320**
Taiwan	73.3	16.8	5.1	0.4	2.6	1.1	0.9	1,959
China	79.3	9.1	3.6	0.2	4.8	2.1	0.9	898
India	79.0	5.5	6.1	0.7	5.6	2.4	0.7	1,861
Korea, Rep. of	72.3	10.5	6.4	0.6	6.7	2.3	1.2	1,801
Malaysia	59.3	13.4	15.9	0.3	6.7	1.5	2.9	3,669
EUROPE	**76.4**	**3.7**	**7.6**	**0.3**	**9.5**	**1.4**	**1.1**	**3,783**
United Kingdom	73.5	7.6	7.3	0.3	7.8	2.2	1.3	603
Germany, F. R.	82.8	2.5	4.5	0.5	7.0	1.2	1.5	401
France	80.0	1.6	7.7	–	9.2	1.2	0.4	509
Greece	77.7	1.9	8.5	0.4	6.5	3.8	1.2	260
Spain	78.4	2.6	4.8	–	10.8	2.2	1.3	231
LATIN AMERICA	**66.8**	**8.4**	**6.4**	**0.3**	**10.0**	**1.1**	**6.9**	**4,440**
Mexico	77.9	4.7	3.9	0.2	11.7	0.6	1.2	515
Venezuela	72.9	4.3	6.2	0.5	9.8	1.4	4.9	369
Colombia	70.7	4.1	6.8	0.7	12.9	1.7	3.1	294
Brazil	78.2	0.5	7.4	0.5	8.9	1.5	3.0	202
Peru	75.3	5.8	7.3	0.4	7.3	0.8	3.1	259
MIDDLE EAST	**76.5**	**8.9**	**6.3**	**0.3**	**4.7**	**1.8**	**1.5**	**3,253**
Iran	69.6	15.4	7.2	0.3	2.9	3.6	1.0	306
Lebanon	75.5	5.8	9.6	0.2	5.8	2.1	0.9	492
Saudi Arabia	78.4	8.0	4.7	0.6	3.4	1.5	3.4	527
Jordan	79.5	8.9	5.5	0.2	3.5	1.0	1.4	508
Kuwait	81.5	7.3	5.0	0.6	3.5	0.6	1.5	341
NORTH AMERICA	**74.5**	**7.2**	**3.8**	**0.7**	**9.5**	**2.1**	**2.3**	**1,456**
Canada	75.8	6.6	4.0	0.7	8.9	2.2	1.8	1,340
OCEANIA	**62.1**	**18.2**	**2.2**	**–**	**5.2**	**2.5**	**12.7**	**401**
Australia	86.7	4.4	4.4	–	2.2	2.2	–	90
Pacific Island Trust Terr.	53.2	20.4	1.1	–	7.0	–	18.3	186
ALL REGIONS	**71.6**	**9.4**	**7.6**	**0.3**	**6.8**	**1.7**	**2.6**	**35,783**

B. Step 2/Step 3 Comparisons

Appendix B presents the numbers and percentages of students from each country or place, continental subregion, and world region for whom data were reported in the Annual Census and the Individual Data (**Step 3**) survey. Brief explanations of the column headings are provided to make the table clearer:

STEP3
TOTAL
The number of students from each country or other place, continental subregion, and world region for whom data were reported in the **Step 3** survey.

ST3
AS %
OF
WORLD
The students from a given locality as a percentage of all students reported on in the **Step 3** survey.

STEP2
TOTAL
The number of students from each locality for whom **Step 2** data were reported in the Annual Census.

ST2
AS %
OF
WORLD
The students from a given locality as a percentage of all students reported in the Annual Census.

ST3
AS %
OF
ST2
The students from a given locality for whom data were reported in the **Step 3** survey as a percentage of students from the same locality for whom data were reported in the Annual Census.

	LOCATION	TOTALS				
	COUNTRY/ SUB REGION/ REGION	STEP3 TOTAL	ST3 AS % OF WORLD	STEP2 TOTAL	ST2 AS % OF WORLD	ST3 AS % OF ST2
1	UNKNOWN AREA OF WORLD	3285	1	0	0	0
2	UNKNOWN AREA OF WORLD	3285	1	0	0	0
3	UNKNOWN AREA OF WORLD	3285	1	0	0	0
4	EASTERN AFRICA, UNSPECIFIED	4	0	1	0	400
5	DJIBOUTI	16	0	17	0	94
6	BRITISH INDIAN OCEAN TERR.	1	0	0	0	0
7	BURUNDI	28	0	41	0	68
8	COMOROS	13	0	4	0	325
9	ETHIOPIA	1132	1	1628	1	70
10	KENYA	1194	1	1740	1	69
11	MADAGASCAR	47	0	54	0	87
12	MALAWI	124	0	151	0	82
13	MAURITIUS	64	0	102	0	63
14	MOZAMBIQUE	15	0	12	0	125
15	ZIMBABWE	321	0	412	0	78
16	RWANDA	46	0	54	0	85
17	SEYCHELLES	16	0	23	0	70
18	SOMALIA	305	0	448	0	68
19	TANZANIA	335	0	468	0	72
20	UGANDA	290	0	364	0	80
21	ZAMBIA	245	0	330	0	74
22	EASTERN AFRICA	4196	2	5849	2	72
23	CENTRAL AFRICA, UNSPECIFIED	2	0	0	0	0
24	ANGOLA	9	0	14	0	64
25	CAMEROON	821	0	1220	0	67
26	CENTRAL AFRICAN REPUBLIC	18	0	21	0	86
27	CHAD	11	0	31	0	35
28	CONGO	15	0	20	0	75
29	EQUATORIAL GUINEA	15	0	16	0	94
30	GABON	34	0	38	0	89
31	SAO TOME & PRINCIPE	10	0	12	0	83
32	ZAIRE	181	0	265	0	68
33	CENTRAL AFRICA	1116	0	1637	1	68
34	ALGERIA	436	0	608	0	72
35	CANARY ISLANDS	10	0	1	0	0
36	EGYPT	1341	1	1825	1	73
37	LIBYA	264	0	345	0	77
38	MOROCCO	563	0	765	0	74
39	WESTERN SAHARA	1	0	0	0	0
40	SUDAN	343	0	470	0	73
41	TUNISIA	495	0	665	0	74
42	NORTH AFRICA	3453	2	4679	2	74
43	SOUTHERN AFRICA, UNSPECIFIED	35	0	0	0	0
44	BOTSWANA	176	0	232	0	76
45	LESOTHO	62	0	76	0	82

	LOCATION	TOTALS				
	COUNTRY/ SUB REGION/ REGION	STEP3 TOTAL	ST3 AS % OF WORLD	STEP2 TOTAL	ST2 AS % OF WORLD	ST3 AS % OF ST2
1	NAMIBIA	97	0	105	0	92
2	SOUTH AFRICA	1257	1	1855	1	68
3	SWAZILAND	124	0	149	0	83
4	SOUTHERN AFRICA	1751	1	2417	1	72
5	WEST AFRICA, UNSPECIFIED	19	0	14	0	136
6	CAPE VERDE	35	0	38	0	92
7	BENIN	24	0	23	0	104
8	GAMBIA	113	0	152	0	74
9	GHANA	712	0	964	0	74
10	GUINEA	62	0	57	0	109
11	GUINEA-BISSAU	37	0	32	0	116
12	IVORY COAST	174	0	247	0	70
13	LIBERIA	453	0	634	0	71
14	MALI	85	0	113	0	75
15	MAURITANIA	51	0	45	0	113
16	NIGER	50	0	57	0	88
17	NIGERIA	5196	2	7278	2	71
	ST. HELENA	0	0	2	0	0
18	SENEGAL	102	0	145	0	70
19	SIERRA LEONE	273	0	365	0	75
20	TOGO	45	0	50	0	90
21	BURKINA FASO	36	0	30	0	120
22	WEST AFRICA	7467	3	10246	3	73
23	AFRICA, UNSPECIFIED	15	0	4	0	375
24	AFRICA REGION UNSPECIFIED	15	0	4	0	375
25	AFRICA	17998	8	24932	8	72
26	CHINA	15281	7	21966	7	70
27	TAIWAN	16027	7	23270	7	69
28	HONG KONG	5830	3	9295	3	63
29	JAPAN	11444	5	15756	5	73
30	KOREA,DEMOCRATIC PEOPLES REPUB	278	0	35	0	794
31	KOREA, REPUBLIC OF	12634	6	17907	6	71
32	MACAO	59	0	105	0	56
33	MONGOLIA	10	0	0	0	0
34	EAST ASIA	61563	27	88334	28	70
35	AFGHANISTAN	67	0	87	0	77
36	BANGLADESH	1389	1	1891	1	73
37	BHUTAN	14	0	30	0	47
38	INDIA	13025	6	18339	6	71
39	MALDIVES	7	0	7	0	100
40	NEPAL	339	0	423	0	80
41	PAKISTAN	4250	2	5731	2	74
42	SRI LANKA	1295	1	1775	1	73
43	SOUTH CENTRAL ASIA	20386	9	28283	9	72
44	SOUTH-EAST ASIA, UNSPECIFIED	2	0	0	0	0

	LOCATION	TOTALS				
	COUNTRY/ SUB REGION/ REGION	STEP3 TOTAL	ST3 AS % OF WORLD	STEP2 TOTAL	ST2 AS % OF WORLD	ST3 AS % OF ST2
1	BRUNEI	22	0	30	0	73
2	BURMA	138	0	199	0	69
3	INDONESIA	5474	2	7866	3	70
4	CAMBODIA	126	0	206	0	61
5	LAOS	191	0	282	0	68
6	MALAYSIA	12839	6	17002	5	76
7	PHILIPPINES	2684	1	3856	1	70
8	PORTUGUESE TIMOR	8	0	0	0	0
9	SINGAPORE	2850	1	4246	1	67
10	THAILAND	4007	2	5613	2	71
11	VIETNAM	1194	1	1647	1	72
12	SOUTH-EAST ASIA	29535	13	40947	13	72
13	BAHRAIN	266	0	305	0	87
14	CYPRUS	1137	1	1652	1	69
15	IRAN	6340	3	9090	3	70
16	IRAQ	612	0	863	0	71
17	ISRAEL	1465	1	2351	1	62
18	JORDAN	3312	1	4489	1	74
19	KUWAIT	2068	1	2761	1	75
20	LEBANON	3658	2	5083	2	72
21	OMAN	486	0	625	0	78
22	QATAR	404	0	539	0	75
23	SAUDI ARABIA	3620	2	4789	2	76
24	SYRIA	1114	0	1518	0	73
25	TURKEY	1645	1	2299	1	72
26	UNITED ARAB EMIRATES	971	0	1204	0	81
	ABU DHABI	0	0	3	0	0
27	YEMEN ARAB REPUBLIC	336	0	486	0	69
28	YEMEN, PEOPLE'S DEM. REP.	44	0	27	0	163
29	MIDDLE EAST	27478	12	38084	12	72
30	ASIA	138962	61	195648	63	71
31	ALBANIA	1	0	2	0	50
32	BULGARIA	32	0	40	0	80
33	CZECHOSLOVAKIA	38	0	64	0	59
34	GERMAN DEMOCRATIC REP.	47	0	19	0	247
35	HUNGARY	131	0	166	0	79
36	POLAND	465	0	648	0	72
37	ROMANIA	55	0	72	0	76
38	U. S. S. R.	50	0	77	0	65
39	YUGOSLAVIA	393	0	655	0	60
40	EASTERN EUROPE	1212	1	1743	1	70
41	ANDORRA	1	0	3	0	33
42	AUSTRIA	295	0	416	0	71
43	BELGIUM	540	0	768	0	70
44	DENMARK	406	0	585	0	69

LOCATION	TOTALS				
COUNTRY/ SUB REGION/ REGION	STEP3 TOTAL	ST3 AS % OF WORLD	STEP2 TOTAL	ST2 AS % OF WORLD	ST3 AS % OF ST2
1 FINLAND	411	0	579	0	71
2 FRANCE	2578	1	3764	1	68
3 GERMANY, FED. REP. OF	3502	2	5004	2	70
4 GIBRALTAR	6	0	0	0	0
5 GREECE	2348	1	3612	1	65
6 VATICAN CITY	17	0	1	0	700
7 ICELAND	406	0	556	0	73
8 IRELAND	674	0	1019	0	66
9 ITALY	1165	1	1920	1	61
10 LIECHTENSTEIN	5	0	4	0	125
11 LUXEMBOURG	15	0	29	0	52
12 MALTA	54	0	36	0	150
13 MONACO	4	0	8	0	50
14 NETHERLANDS	1033	0	1420	0	73
15 NORWAY	1230	1	1638	1	75
16 PORTUGAL	381	0	530	0	72
17 SAN MARINO	2	0	2	0	100
18 SPAIN	1460	1	2179	1	67
19 SWEDEN	997	0	1393	0	72
20 SWITZERLAND	616	0	908	0	68
21 UNITED KINGDOM	4188	2	5760	2	73
22 ENGLAND	1	0	0	0	0
23 ISLE OF MAN	1	0	0	0	0
24 WALES	2	0	0	0	0
25 WESTERN EUROPE	22338	10	32134	10	70
26 EUROPE	23550	10	33877	11	70
27 CARIBBEAN, UNSPECIFIED	97	0	110	0	88
28 BAHAMAS	1063	0	1489	0	71
29 BARBADOS	251	0	382	0	66
30 CAYMAN ISLANDS	33	0	41	0	80
31 CUBA	1050	0	1074	0	98
32 DOMINICAN REPUBLIC	477	0	648	0	74
33 GUADELOUPE	7	0	5	0	140
34 HAITI	1088	0	1277	0	85
35 JAMAICA	1376	1	1993	1	69
36 LEEWARD ISLANDS	5	0	4	0	125
37 ANTIGUA	109	0	174	0	63
38 BRITISH VIRGIN ISLANDS	38	0	61	0	62
39 MONTSERRAT	8	0	11	0	73
40 ST. KITTS-NEVIS	47	0	79	0	59
41 ANGUILLA	9	0	16	0	56
42 MARTINIQUE	4	0	5	0	80
43 NETHERLANDS ANTILLES	414	0	601	0	69
44 TRINIDAD & TOBAGO	1375	1	1790	1	77
45 TURKS & CAICOS ISLANDS	10	0	6	0	167

	LOCATION	TOTALS				
	COUNTRY/ SUB REGION/ REGION	STEP3 TOTAL	ST3 AS % OF WORLD	STEP2 TOTAL	ST2 AS % OF WORLD	ST3 AS % OF ST2
1	WINDWARD ISLANDS	31	0	0	0	0
2	DOMINICA	56	0	86	0	65
3	GRENADA	111	0	151	0	74
4	ST. LUCIA	52	0	59	0	88
5	ST. VINCENT	31	0	41	0	76
6	CARIBBEAN	7742	3	10103	3	77
7	BELIZE	337	0	303	0	111
8	COSTA RICA	634	0	809	0	78
9	EL SALVADOR	757	0	964	0	79
10	GUATEMALA	521	0	647	0	81
11	HONDURAS	838	0	1089	0	77
12	MEXICO	3535	2	5387	2	66
13	NICARAGUA	1691	1	1832	1	92
14	PANAMA	1349	1	1668	1	81
15	CENTRAL AMERICA	9662	4	12699	4	76
16	SOUTH AMERICA, UNSPECIFIED	2	0	0	0	0
17	ARGENTINA	997	0	1442	0	69
18	BOLIVIA	682	0	855	0	80
19	BRAZIL	1840	1	2572	1	72
20	CHILE	700	0	969	0	72
21	COLOMBIA	2299	1	2937	1	78
22	ECUADOR	730	0	970	0	75
23	FALKLAND ISLANDS	4	0	1	0	400
24	FRENCH GUIANA	4	0	5	0	80
25	GUYANA	319	0	435	0	73
26	PARAGUAY	120	0	165	0	73
27	PERU	1444	1	1994	1	72
28	SURINAME	141	0	198	0	71
29	URUGUAY	153	0	224	0	68
30	VENEZUELA	2368	1	3309	1	72
31	SOUTH AMERICA	11803	5	16076	5	73
32	LATIN AMERICA	29207	13	38378	13	75
33	BERMUDA	436	0	587	0	74
34	CANADA	10041	4	13696	4	73
35	NORTH AMERICAN REGION	10477	5	14283	5	73
36	NORTH AMERICA	10477	5	14283	5	73
37	AUSTRALIA	853	0	1301	0	66
38	NEW ZEALAND	364	0	485	0	75
39	AUSTRALIA + NEW ZEALAND	1217	1	1786	1	68
40	SOLOMON ISLANDS	5	0	9	0	56
41	COOK ISLANDS	3	0	3	0	100
42	FIJI	117	0	152	0	77
43	FRENCH POLYNESIA	53	0	48	0	110
44	KIRIBATI	15	0	17	0	88
	NEW CALEDONIA	0	0	3	0	0

	LOCATION	TOTALS				
	COUNTRY/ SUB REGION/ REGION	STEP3 TOTAL	ST3 AS % OF WORLD	STEP2 TOTAL	ST2 AS % OF WORLD	ST3 AS % OF ST2
1	PAPUA-NEW GUINEA	14	0	18	0	78
2	NIUE	1	0	0	0	0
3	NORFOLK ISLAND	1	0	0	0	0
4	PACIFIC ISLANDS, TRUST TER.	770	0	895	0	86
5	TONGA	122	0	128	0	95
6	TUVALU	1	0	0	0	0
7	WESTERN SAMOA	96	0	97	0	99
8	PACIFIC OCEAN ISLAND AREAS	1198	1	1370	0	87
9	OCEANIA	2415	1	3156	1	77
10	ANTARCTICA	2	0	0	0	0
11	POLAR REGIONS	2	0	0	0	0
12	POLAR REGIONS	2	0	0	0	0
	UNKNOWN AREA OF WORLD	0	0	2	0	0
	STATELESS OR UNKNOWN	0	0	2	0	0
13	STATELESS	103	0	189	0	54
14	STATELESS REGION	103	0	189	0	54
15	STATELESS OR UNKNOWN	103	0	191	0	54
16	******** FINAL TOTALS ********	225999	100	310865	100	73

C. Selected Characteristics of Foreign Students by Country or Other Place, Subregion, and World Region of Origin

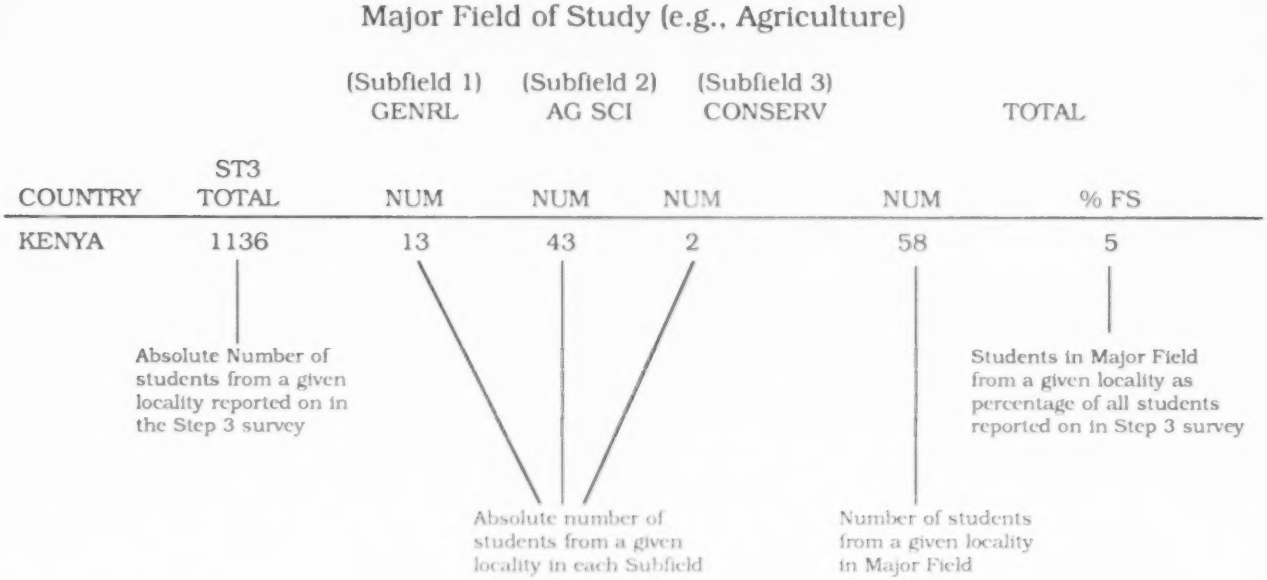
Appendix C consists of three tables containing more detailed information than the tables in the main body of *Profiles*.

Table C.1 is the most complex of the three. It presents the number and percentage of all students for whom data were reported in the **Step 3** survey from each country or other place (e.g., Tanzania), continental subregion (e.g., Eastern Africa), and world region of origin (e.g., Africa), categorized by Field and Subfield of Study. It also shows students in each major field as a percentage of all foreign students from a given country or other place/subregion/region. The example in the diagram below will make this breakdown clear.

In **Table C.1**, the **major fields of study** are presented in alphabetical order, followed by the categories "Other Fields of Study" and "Intensive English." The major fields are: Agriculture; Business and Management; Education; Engineering and Related Technologies; Fine and Applied Arts; Health Professions; Humanities; Mathematics and Computer Sciences; Physical and Life Sciences; and Social Science. The reader who wishes to locate all students from a given country in all fields of study must take individual data from each field-of-study listing.

Table C.2, which begins on page 109, presents the number and percentage of students for whom data were reported in the **Step 3** survey from each country, continental subregion, and world region of origin, categorized by **gender**. It also shows the total number of students from a given country or other place/subregion/region and the total percentage for whom information was provided on gender.

Table C.3, which begins on page 115, presents the number and percentage of students for whom data were reported in the Step 3 survey from each country or other place, continental subregion, and world region of origin, categorized by **academic level**. It also shows the total number of students from the country/subregion/region and the total percentage for whom information was provided on academic level.



C.1

FIELD OF STUDY

	ST3 TOTAL	AGRICULTURE AGRIC	AG SCI	CONSERV	TOTAL	% FS	BUSINESS & MANAGEMENT BUS/MGT	MKT/DIST	OTHER	TOTAL	% FS	EDUCATION TOTAL	% FS
	NUM	NUM	NUM	NUM	NUM		NUM	NUM	NUM	NUM		NUM	
UNKNOWN AREA OF WORLD	3285	11	5	0	16	1	549	48	3	600	21	63	2
UNKNOWN AREA OF WORLD	3285	11	5	0	16	1	549	48	3	600	21	63	2
UNKNOWN AREA OF WORLD	3285	11	5	0	16	1	549	48	3	600	21	63	2
EASTERN AFRICA, UNSPECIFIED	4	0	1	0	1	25	1	0	0	1	25	0	0
DJIBOUTI	16	0	1	0	1	6	1	0	0	1	6	0	0
BRITISH INDIAN OCEAN TERR.	1	0	0	0	0	0	0	0	0	0	0	0	0
BURUNDI	28	1	1	0	2	8	6	0	0	6	23	0	0
COMOROS	13	0	0	0	0	0	4	0	0	4	31	0	0
ETHIOPIA	1132	20	20	2	42	4	139	5	6	200	18	17	2
KENYA	1194	20	40	2	62	5	255	9	3	277	24	82	7
MADAGASCAR	47	0	0	1	1	2	13	0	0	13	28	2	4
MALAWI	124	8	12	0	20	16	21	0	0	21	17	6	5
MAURITIUS	64	2	0	0	2	3	13	0	0	13	22	2	3
MOZAMBIQUE	15	2	1	0	3	21	5	0	0	5	36	4	29
ZIMBABWE	321	13	12	2	27	9	55	4	0	59	19	19	6
RWANDA	46	4	7	0	11	25	6	0	1	7	16	5	11
SEYCHELLES	16	0	1	0	1	6	8	0	0	8	50	1	6
SOMALIA	305	4	20	0	24	8	37	1	1	39	13	17	6
TANZANIA	335	7	12	1	20	6	51	2	0	63	19	20	6
UGANDA	290	8	5	2	15	5	50	1	2	63	22	14	5
ZAMBIA	245	17	18	4	39	16	37	0	0	37	15	9	4
EASTERN AFRICA	4196	106	151	14	271	7	782	22	13	817	20	198	5
CENTRAL AFRICA, UNSPECIFIED	2	0	0	0	0	0	1	0	0	1	100	0	0
ANGOLA	9	0	0	0	0	0	0	0	0	0	0	0	0
CAMEROON	821	20	38	6	64	8	122	4	6	132	17	41	5
CENTRAL AFRICAN REPUBLIC	18	0	0	0	0	0	0	0	0	0	0	1	6
CHAD	11	0	2	0	2	25	1	0	0	1	13	1	13
CONGO	15	0	0	0	0	0	2	0	0	2	15	0	0
EQUATORIAL GUINEA	15	7	1	1	9	64	0	0	0	0	0	0	0
GABON	34	0	0	0	0	0	9	0	1	10	29	1	3
SAO TOME & PRINCIPE	10	0	3	0	3	30	0	0	0	0	0	0	0
ZAIRE	181	11	10	0	21	12	25	0	0	25	14	10	6
CENTRAL AFRICA	1116	38	54	7	99	9	150	4	7	171	16	54	5
ALGERIA	436	1	4	0	5	1	28	0	0	28	7	2	0
CANARY ISLANDS	10	0	0	0	0	0	2	0	0	2	20	1	10
EGYPT	1341	26	52	18	96	7	143	3	4	150	11	31	2
LIBYA	264	3	9	1	13	5	27	0	0	27	11	9	4
MOROCCO	563	14	28	2	44	8	57	1	0	68	13	17	3
WESTERN SAHARA	1	0	0	0	0	0	0	0	0	0	0	0	0
SUDAN	343	20	10	2	32	10	30	0	1	31	9	11	3
TUNISIA	495	8	8	2	18	4	40	1	0	41	8	1	0
NORTH AFRICA	3453	72	111	25	208	6	337	5	5	347	10	72	2
SOUTHERN AFRICA, UNSPECIFIE	35	0	0	0	0	0	2	0	0	2	6	7	20
BOTSWANA	176	8	22	1	31	18	33	1	1	35	21	22	13
LESOTHO	62	9	16	1	26	43	5	1	0	6	10	5	8

	FIELD OF STUDY													
	ST3	AGRICULTURE					BUSINESS & MANAGEMENT					EDUCATION		
	TOTAL	AGRIC	AG SCI	CONSERV	TOTAL		BUS/MGT	MKT/DIST	OTHER	TOTAL		TOTAL		
		NUM	NUM	NUM	NUM	% FS	NUM	NUM	NUM	NUM	% FS	NUM	% FS
NAMIBIA	97	1	4	0	5	5	14	1	1	16	17	10	10
SOUTH AFRICA	1257	4	21	3	28	2	202	3	1	206	17	110	9
SWAZILAND	124	7	7	1	15	13	20	1	0	21	16	19	16
SOUTHERN AFRICA	1751	29	70	6	105	6	276	7	3	286	17	173	10
WEST AFRICA, UNSPECIFIED	19	0	0	0	0	0	5	1	0	6	33	4	22
CAPE VERDE	35	1	12	1	14	40	3	0	0	3	9	1	3
BENIN	24	1	0	0	1	4	6	0	0	6	26	0	0
GAMBIA	113	2	11	1	14	13	25	0	2	27	25	4	4
GHANA	712	16	18	1	35	5	93	0	4	97	14	39	6
GUINEA	62	6	5	0	11	18	6	0	0	6	10	2	3
GUINEA-BISSAU	37	5	5	1	11	30	2	0	0	2	5	2	5
IVORY COAST	174	12	10	0	22	13	36	0	0	36	22	2	1
LIBERIA	453	1	7	1	9	2	102	1	3	106	24	22	5
MALI	85	10	18	2	30	37	12	0	0	12	15	4	5
MAURITANIA	51	9	10	1	20	43	5	0	0	5	11	4	9
NIGER	50	4	13	0	17	34	2	0	0	2	4	7	14
NIGERIA	5196	72	73	7	152	3	1244	33	25	1302	26	495	10
SENEGAL	102	5	3	1	9	9	28	0	0	28	26	1	1
SIERRA LEONE	273	7	1	0	8	3	51	3	3	67	25	18	7
TOGO	45	2	1	0	3	7	9	0	0	9	21	1	2
BURKINA FASO	36	2	3	3	8	22	3	0	0	3	8	2	6
WEST AFRICA	7467	155	190	19	364	5	1642	38	37	1717	24	608	8
AFRICA, UNSPECIFIED	15	0	0	0	0	0	3	0	0	3	20	2	13
AFRICA REGION UNSPECIFIED	15	0	0	0	0	0	3	0	0	3	20	2	13
AFRICA	17998	400	576	71	1047	6	3200	76	65	3341	19	1107	6
CHINA	15281	83	205	61	349	2	1011	20	8	1039	7	475	3
TAIWAN	16027	86	229	40	355	2	2158	22	19	2199	14	619	4
HONG KONG	5830	11	5	0	16	0	1628	35	36	1699	30	106	2
JAPAN	11444	27	39	6	72	1	1858	75	120	2053	18	466	4
KOREA,DEMOCRATIC PEOPLES RE	278	0	1	2	3	1	46	0	0	46	17	8	3
KOREA, REPUBLIC OF	12634	83	166	23	272	2	1931	38	24	2043	17	460	4
MACAO	59	0	0	0	0	0	20	2	3	25	42	2	3
MONGOLIA	10	0	0	0	0	0	4	0	0	4	40	0	0
EAST ASIA	61563	290	645	132	1067	2	8706	192	210	9108	15	2136	4
AFGHANISTAN	67	0	0	0	0	0	7	0	1	8	12	1	1
BANGLADESH	1389	10	14	3	27	2	211	2	2	215	16	23	2
BHUTAN	14	0	0	0	0	0	6	0	0	6	43	0	0
INDIA	13025	48	89	30	167	1	2039	25	15	2079	16	206	2
MALDIVES	7	0	0	0	0	0	0	0	0	0	0	0	0
NEPAL	339	22	10	9	41	12	41	0	0	41	12	11	3
PAKISTAN	4250	33	71	9	113	3	798	30	11	839	20	49	1
SRI LANKA	1295	12	25	4	41	3	209	2	4	215	17	11	1
SOUTH CENTRAL ASIA	20386	125	209	55	389	2	3311	59	33	3403	17	301	2
SOUTH-EAST ASIA, UNSPECIFIE	2	0	0	0	0	0	1	0	0	1	50	0	0

	FIELD OF STUDY													
	ST3 TOTAL	AGRICULTURE					BUSINESS & MANAGEMENT						EDUCATION	
		AGRIC	AG SCI	CONSERV	TOTAL		BUS/MGT	MKT/DIST	OTHER	TOTAL			TOTAL	
		NUM	NUM	NUM	NUM	% FS	NUM	NUM	NUM	NUM	% FS		NUM	% FS
BRUNEI	22	1	0	1	2	10	4	0	0	4	19		1	5
BURMA	138	1	10	0	11	8	19	0	0	19	14		7	5
INDONESIA	5474	73	70	22	165	3	1711	28	18	1757	34		164	3
CAMBODIA	126	0	0	0	0	0	15	0	0	15	14		0	0
LAOS	191	0	0	0	0	0	41	0	2	43	23		6	3
MALAYSIA	12839	114	70	54	238	2	3654	83	108	3855	31		373	3
PHILIPPINES	2684	33	55	15	104	4	658	21	3	682	26		96	4
PORTUGUESE TIMOR	8	0	0	0	0	0	0	0	0	0	0		0	0
SINGAPORE	2850	1	6	1	8	0	919	19	15	953	35		57	2
THAILAND	4007	24	53	5	82	2	1163	23	13	1199	31		201	5
VIETNAM	1194	1	0	1	2	0	81	1	9	91	9		8	1
SOUTH-EAST ASIA	29535	248	265	99	612	2	8276	175	168	8619	31		913	3
BAHRAIN	266	0	0	1	1	0	71	2	0	73	28		5	2
CYPRUS	1137	3	3	0	6	1	247	6	6	259	24		13	1
IRAN	6340	28	63	4	95	2	325	8	4	337	6		135	2
IRAQ	512	19	25	2	46	8	43	1	0	44	7		25	4
ISRAEL	1465	4	4	1	9	1	152	5	2	159	12		61	4
JORDAN	3312	17	11	1	29	1	531	7	7	545	17		64	2
KUWAIT	2068	5	4	1	10	1	347	5	5	357	18		50	3
LEBANON	3658	19	24	2	45	1	482	12	6	500	14		35	1
OMAN	486	1	4	0	5	1	51	0	1	52	14		9	2
QATAR	404	0	1	0	1	0	59	0	0	59	15		14	4
SAUDI ARABIA	3520	23	25	5	53	2	530	6	18	554	16		173	5
SYRIA	1114	3	13	0	16	1	84	0	0	84	5		11	1
TURKEY	1545	9	19	2	30	2	287	7	4	298	19		39	3
UNITED ARAB EMIRATES	971	2	0	0	2	0	153	1	2	156	16		18	2
YEMEN ARAB REPUBLIC	336	9	9	0	18	5	38	0	0	38	12		13	4
YEMEN, PEOPLE'S DEM. REP.	44	0	1	0	1	2	5	0	0	5	12		6	15
MIDDLE EAST	27478	142	206	19	367	1	3425	80	55	3540	14		671	3
ASIA	138962	805	1325	305	2435	2	23718	486	466	24670	18		4021	3
ALBANIA	1	0	0	0	0	0	0	0	0	0	0		0	0
BULGARIA	32	0	1	0	1	3	3	0	1	4	13		1	3
CZECHOSLOVAKIA	38	0	0	0	0	0	3	0	1	4	11		1	3
GERMAN DEMOCRATIC REP.	47	1	0	0	1	2	5	0	0	5	11		0	0
HUNGARY	131	2	2	0	4	3	11	0	0	11	9		1	1
POLAND	465	0	6	0	6	1	21	0	1	22	5		6	1
ROMANIA	55	0	0	0	0	0	7	0	1	8	15		2	4
U. S. S. R.	50	1	0	0	1	2	5	0	1	6	13		1	2
YUGOSLAVIA	393	1	6	0	7	2	22	3	0	25	7		9	2
EASTERN EUROPE	1212	5	15	0	20	2	77	3	5	85	7		21	2
ANDORRA	1	0	0	0	0	0	1	0	0	1	100		0	0
AUSTRIA	295	1	2	0	3	1	41	1	0	42	15		12	4
BELGIUM	540	2	10	2	14	3	106	3	0	109	21		9	2
DENMARK	406	2	1	0	3	1	64	5	0	69	18		5	1

	FIELD OF STUDY												
	ST3	AGRICULTURE					BUSINESS & MANAGEMENT					EDUCATION	
	TOTAL	AGRIC	AG SCI	CONSERV	TOTAL		BUS/MGT	MKT/DIST	OTHER	TOTAL		TOTAL	
		NUM	NUM	NUM	NUM	% FS	NUM	NUM	NUM	NUM	% FS	NUM	% FS
FINLAND	411	4	4	2	10	3	98	4	1	103	26	19	5
FRANCE	2578	6	18	3	27	1	550	14	2	566	23	31	1
GERMANY, FED. REP. OF	3502	12	14	4	30	1	443	13	6	462	14	60	2
GIBRALTAR	6	0	0	0	0	0	1	0	0	1	20	0	0
GREECE	2348	14	11	1	26	1	279	3	3	285	12	61	3
VATICAN CITY	17	0	1	0	1	7	4	1	0	5	33	2	13
ICELAND	406	0	6	0	6	1	80	0	1	81	20	20	5
IRELAND	674	3	8	0	11	2	105	0	1	106	17	34	5
ITALY	1165	5	5	0	10	1	178	5	2	185	16	19	2
LIECHTENSTEIN	5	0	0	0	0	0	2	0	0	2	40	1	20
LUXEMBOURG	15	1	1	0	2	13	6	0	0	6	40	0	0
MALTA	54	0	0	0	0	0	20	0	0	20	41	3	6
MONACO	4	0	0	0	0	0	2	0	0	2	50	0	0
NETHERLANDS	1033	11	15	2	29	3	211	8	3	222	23	20	2
NORWAY	1230	1	7	2	10	1	501	6	5	512	43	12	1
PORTUGAL	381	9	15	1	25	7	45	1	0	46	12	16	4
SAN MARINO	2	0	0	0	0	0	0	0	0	0	0	0	0
SPAIN	1460	6	17	4	29	2	236	9	3	248	18	36	3
SWEDEN	997	4	3	1	8	1	211	18	3	232	25	38	4
SWITZERLAND	616	2	6	0	8	1	96	2	0	98	17	12	2
UNITED KINGDOM	4188	5	20	5	30	1	634	16	8	658	17	238	6
ENGLAND	1	0	0	1	1	100	0	0	0	0	0	0	0
ISLE OF MAN	1	0	0	0	0	0	0	0	0	0	0	0	0
WALES	2	0	0	0	0	0	0	0	0	0	0	0	0
WESTERN EUROPE	22338	88	167	28	283	1	3914	109	38	4061	19	648	3
EUROPE	23550	93	182	28	303	1	3991	112	43	4146	18	669	3
CARIBBEAN, UNSPECIFIED	97	3	1	1	5	5	16	2	0	18	19	2	2
BAHAMAS	1063	2	1	1	4	0	283	7	12	302	30	76	8
BARBADOS	251	2	2	0	6	2	40	6	4	50	21	17	7
CAYMAN ISLANDS	33	0	0	0	0	0	11	0	0	11	39	2	7
CUBA	1050	0	0	0	0	0	20	0	50	70	7	7	1
DOMINICAN REPUBLIC	477	18	20	4	42	9	65	7	5	77	17	39	8
GUADELOUPE	7	0	0	0	0	0	1	0	0	1	16	1	14
HAITI	1086	7	9	1	17	2	89	4	48	141	13	13	1
JAMAICA	1376	8	19	2	29	2	245	17	10	272	21	54	5
LEEWARD ISLANDS	5	0	0	0	0	0	1	0	0	1	50	0	0
ANTIGUA	109	1	0	0	1	1	37	2	0	39	38	6	6
BRITISH VIRGIN ISLANDS	38	1	1	0	2	5	4	0	0	4	11	0	0
MONTSERRAT	8	0	1	0	1	13	1	0	0	1	13	0	0
ST. KITTS-NEVIS	47	2	0	0	2	4	12	0	0	12	26	3	7
ANGUILLA	9	0	0	0	0	0	1	0	0	1	11	0	0
MARTINIQUE	4	0	0	0	0	0	1	1	0	2	50	0	0
NETHERLANDS ANTILLES	414	1	3	1	5	1	111	4	1	116	30	16	4
TRINIDAD & TOBAGO	1375	5	9	2	16	1	224	14	14	252	19	55	4
TURKS & CAICOS ISLANDS	10	0	0	0	0	0	9	0	0	9	90	0	0

	ST3 TOTAL	FIELD OF STUDY: AGRICULTURE					BUSINESS & MANAGEMENT					EDUCATION	
		AGRIC	AG SCI	CONSERV	TOTAL		BUS/MGT	MKT/DIST	OTHER	TOTAL		TOTAL	
		NUM	NUM	NUM	NUM	% FS	NUM	NUM	NUM	NUM	% FS	NUM	% FS
WINDWARD ISLANDS	31	0	0	0	0	0	2	0	2	4	13	0	0
DOMINICA	56	0	3	0	3	6	5	0	0	5	9	4	7
GRENADA	111	3	1	0	4	4	13	0	4	17	17	7	7
ST. LUCIA	52	1	1	0	2	4	9	2	0	11	22	4	8
ST. VINCENT	31	1	0	3	4	13	1	0	0	1	3	2	7
CARIBBEAN	7742	55	71	15	141	2	1201	66	150	1417	19	338	5
BELIZE	337	2	2	0	4	1	70	1	2	73	22	41	13
COSTA RICA	634	19	23	8	50	8	78	1	3	82	14	26	4
EL SALVADOR	757	11	13	1	25	3	125	6	5	136	19	29	4
GUATEMALA	521	17	21	3	41	8	82	4	5	91	18	23	4
HONDURAS	838	22	47	16	85	10	144	4	9	157	19	28	3
MEXICO	3535	36	128	25	189	6	533	31	6	570	17	87	3
NICARAGUA	1691	4	11	1	16	1	49	3	71	123	7	10	1
PANAMA	1349	18	22	4	44	3	330	28	10	368	29	26	2
CENTRAL AMERICA	9562	129	267	58	454	5	1411	78	111	1600	17	270	3
SOUTH AMERICA, UNSPECIFIED	2	1	0	0	1	50	0	0	0	0	0	1	50
ARGENTINA	997	18	74	5	97	10	105	3	3	111	11	18	2
BOLIVIA	682	14	13	0	27	4	119	6	4	129	19	16	2
BRAZIL	1840	23	74	11	108	6	214	10	6	230	13	90	5
CHILE	700	5	11	4	20	3	80	3	2	85	12	33	5
COLOMBIA	2299	28	57	3	88	4	301	15	9	325	15	70	3
ECUADOR	730	19	30	3	52	7	131	5	4	140	20	20	3
FALKLAND ISLANDS	4	0	0	0	0	0	1	0	0	1	25	0	0
FRENCH GUIANA	4	0	0	0	0	0	0	0	0	0	0	0	0
GUYANA	319	2	4	0	6	2	44	0	3	47	15	18	5
PARAGUAY	120	3	0	1	4	3	13	0	1	14	12	3	3
PERU	1444	15	25	4	44	3	288	6	8	302	22	37	3
SURINAME	141	1	5	1	7	5	37	1	3	41	30	1	1
URUGUAY	153	2	6	1	9	6	22	1	0	23	16	1	1
VENEZUELA	2368	24	41	1	66	3	368	16	18	402	18	77	3
SOUTH AMERICA	11303	155	340	34	529	5	1723	66	61	1850	16	385	3
LATIN AMERICA	29207	339	678	107	1124	4	4335	210	322	4867	17	993	4
BERMUDA	436	0	3	1	4	1	105	11	9	125	29	53	12
CANADA	10041	58	80	31	169	2	1360	56	29	1445	15	773	8
NORTH AMERICAN REGION	10477	58	83	32	173	2	1455	67	38	1570	16	826	8
NORTH AMERICA	10477	58	83	32	173	2	1455	67	38	1570	16	826	8
AUSTRALIA	353	7	10	1	18	2	95	0	0	95	12	84	10
NEW ZEALAND	364	3	3	0	6	2	74	1	6	81	23	39	11
AUSTRALIA + NEW ZEALAND	1217	10	13	1	24	2	169	1	6	176	15	123	10
SOLOMON ISLANDS	5	0	0	0	0	0	2	0	0	2	40	1	20
COOK ISLANDS	3	0	1	0	1	33	0	0	0	0	0	0	0
FIJI	117	0	0	0	0	0	25	2	3	30	29	8	8
FRENCH POLYNES	53	0	0	0	0	0	13	0	0	13	25	3	6
KIRIBATI	15	0	0	0	0	0	0	0	0	0	0	0	0

	FIELD OF STUDY												
		AGRICULTURE					BUSINESS & MANAGEMENT					EDUCATION	
	ST3 TOTAL	AGRIC	AG SCI	CONSERV	TOTAL		BUS/MGT	MKT/DIST	OTHER	TOTAL		TOTAL	
		NUM	NUM	NUM	NUM	% FS	NUM	NUM	NUM	NUM	% FS	NUM	% FS
PAPUA-NEW GUINEA	14	0	1	0	1	8	0	0	0	0	0	1	8
NIUE	1	0	0	0	0	0	0	0	0	0	0	0	0
NORFOLK ISLAND	1	0	0	0	0	0	0	0	0	0	0	0	0
PACIFIC ISLANDS, TRUST TER.	770	1	1	0	2	0	148	13	34	195	26	26	3
TONGA	122	0	1	0	1	1	18	0	3	21	22	10	11
TUVALU	1	0	0	0	0	0	0	0	0	0	0	0	0
WESTERN SAMOA	96	0	0	0	0	0	12	0	5	17	18	8	8
PACIFIC OCEAN ISLAND AREA	1198	1	4	0	5	0	218	15	45	278	24	57	5
OCEANIA	2415	11	17	1	29	1	387	16	51	454	20	180	8
ANTARCTICA	2	0	0	0	0	0	0	0	0	0	0	0	0
POLAR REGIONS	2	0	0	0	0	0	0	0	0	0	0	0	0
POLAR REGIONS	2	0	0	0	0	0	0	0	0	0	0	0	0
STATELESS	103	1	0	0	1	1	13	1	1	15	16	1	1
STATELESS REGION	103	1	0	0	1	1	13	1	1	15	16	1	1
STATELESS OR UNKNOWN	103	1	0	0	1	1	13	1	1	15	16	1	1
******** FINAL TOTALS ****	225999	1718	2869	544	5128	2	37658	1016	989	39663	18	7860	4

LOCATION		FIELD OF STUDY: ENGINEERING AND RELATED TECHNOLOGIES										
		GENERAL	CHEMICAL	CIVIL	ELECTR	INDUST	MECHAN	OTHER	ENG TOT	TECHNOL	TOTAL	
		NUM	NUM	NUM	NUM	NUM	NUM	NUM	NUM	NUM	NUM	% FS
UNKNOWN AREA OF WORLD	3285	27	6	51	205	7	49	50	395	26	421	15
UNKNOWN AREA OF WORLD	3285	27	6	51	205	7	49	50	395	26	421	15
UNKNOWN AREA OF WORLD	3285	27	6	51	205	7	49	50	395	26	421	15
EASTERN AFRICA, UNSPECIFIED	4	0	0	0	0	0	0	0	0	0	0	0
DJIBOUTI	16	2	0	0	0	0	0	0	2	1	3	19
BRITISH INDIAN OCEAN TERR.	1	0	0	0	0	0	0	0	0	0	0	0
BURUNDI	28	0	0	0	0	0	1	1	2	0	2	8
COMOROS	13	0	0	1	0	1	1	0	3	0	3	23
ETHIOPIA	1132	45	4	8	33	2	7	17	117	37	154	14
KENYA	1194	26	6	11	21	1	10	13	88	22	110	9
MADAGASCAR	47	1	0	0	1	0	0	0	2	1	3	7
MALAWI	124	0	0	2	1	0	0	1	4	2	6	5
MAURITIUS	64	3	0	0	4	1	2	2	12	2	14	24
MOZAMBIQUE	15	0	0	0	0	0	0	0	0	0	0	0
ZIMBABWE	321	3	2	0	2	0	5	2	14	10	24	8
RWANDA	46	1	0	0	0	0	0	0	1	2	3	7
SEYCHELLES	16	0	0	0	0	0	0	0	0	0	0	0
SOMALIA	305	24	4	5	11	2	1	8	55	5	60	20
TANZANIA	335	12	3	11	10	5	2	3	46	1	47	14
UGANDA	290	5	3	1	2	2	2	4	19	5	24	8
ZAMBIA	245	5	1	4	6	0	2	5	24	3	27	11
EASTERN AFRICA	4196	128	23	43	91	14	33	57	389	91	480	12
CENTRAL AFRICA, UNSPECIFIED	2	0	0	0	0	0	0	0	0	0	0	0
ANGOLA	9	2	0	0	0	0	0	3	5	1	6	67
CAMEROON	821	7	1	16	11	3	5	22	65	33	98	12
CENTRAL AFRICAN REPUBLIC	18	1	0	3	0	1	1	0	6	0	6	33
CHAD	11	0	0	0	0	0	0	0	0	0	0	0
CONGO	15	0	0	0	0	0	0	0	0	1	1	8
EQUATORIAL GUINEA	15	0	0	0	0	0	0	0	0	0	0	0
GABON	34	1	0	1	1	0	0	1	4	0	4	12
SAO TOME & PRINCIPE	10	1	0	0	0	0	0	0	1	0	1	10
ZAIRE	181	3	1	0	3	1	2	2	12	1	13	7
CENTRAL AFRICA	1116	15	2	20	15	5	8	23	93	36	129	12
ALGERIA	436	19	3	46	45	2	10	28	153	3	156	37
CANARY ISLANDS	10	0	0	0	0	0	0	0	0	0	0	0
EGYPT	1341	58	6	118	98	10	43	75	408	24	432	33
LIBYA	264	5	3	18	15	0	7	12	60	17	77	30
MOROCCO	563	20	4	15	38	3	8	30	118	10	128	24
WESTERN SAHARA	1	0	0	0	0	0	0	0	0	0	0	0
SUDAN	343	16	4	15	13	1	4	15	68	4	72	22
TUNISIA	495	6	12	66	108	17	71	45	325	0	325	67
NORTH AFRICA	3453	124	32	278	317	33	143	205	1132	58	1190	35
SOUTHERN AFRICA, UNSPECIFIE	35	0	0	0	1	0	1	0	2	0	2	6
BOTSWANA	176	2	0	0	2	0	3	2	9	6	15	9
LESOTHO	62	0	0	0	0	0	0	1	1	0	1	2

LOCATION		FIELD OF STUDY: ENGINEERING AND RELATED TECHNOLOGIES										
		GENERAL	CHEMICAL	CIVIL	ELECTR	INDUST	MECHAN	OTHER	ENG TOT	TECHNOL	TOTAL	
		NUM	NUM	NUM	NUM	NUM	NUM	NUM	NUM	NUM	NUM	% FS
NAMIBIA	97	0	0	0	0	0	0	1	1	1	2	2
SOUTH AFRICA	1257	19	16	15	19	0	10	18	97	17	114	9
SWAZILAND	124	1	0	4	3	0	0	1	9	5	14	12
SOUTHERN AFRICA	1751	22	16	19	25	0	14	23	119	29	148	9
WEST AFRICA, UNSPECIFIED	19	1	0	0	0	0	0	0	1	0	1	6
CAPE VERDE	35	2	0	0	0	0	0	3	5	1	6	17
BENIN	24	0	1	0	0	0	0	1	2	0	2	9
GAMBIA	113	0	0	2	0	0	0	0	2	0	2	2
GHANA	712	15	7	7	20	0	10	12	71	11	82	12
GUINEA	62	1	0	3	4	1	0	0	9	0	9	15
GUINEA-BISSAU	37	0	0	0	0	0	0	2	2	2	4	11
IVORY COAST	174	4	1	6	7	1	0	6	25	0	25	15
LIBERIA	453	5	2	6	9	0	1	7	30	23	53	12
MALI	85	1	0	1	1	0	0	1	4	1	5	6
MAURITANIA	51	0	0	1	0	0	0	1	2	0	2	4
NIGER	50	0	2	1	0	0	1	0	4	1	5	10
NIGERIA	5196	48	13	70	59	9	33	47	279	208	487	10
SENEGAL	102	3	0	2	4	1	1	5	16	0	16	16
SIERRA LEONE	273	2	0	6	6	0	0	3	17	8	25	9
TOGO	45	0	0	1	0	0	0	0	1	0	1	2
BURKINA FASO	35	1	0	0	1	0	0	1	3	0	3	8
WEST AFRICA	7467	83	26	106	111	12	46	89	473	255	728	10
AFRICA, UNSPECIFIED	15	1	0	1	0	0	0	0	2	0	2	13
AFRICA REGION UNSPECIFIED	15	1	0	1	0	0	0	0	2	0	2	13
AFRICA	17998	373	99	467	559	64	244	402	2208	469	2677	15
CHINA	15281	252	154	230	966	76	559	717	2954	85	3039	20
TAIWAN	16027	367	314	467	1032	273	616	967	4036	185	4221	27
HONG KONG	5830	139	42	54	545	21	106	158	1065	53	1118	20
JAPAN	11444	101	11	38	80	6	53	118	407	71	478	4
KOREA,DEMOCRATIC PEOPLES RE	278	6	19	8	9	5	2	7	56	1	57	21
KOREA, REPUBLIC OF	12634	201	155	209	592	111	385	579	2232	75	2307	19
MACAO	59	2	1	1	2	0	0	0	6	0	6	10
MONGOLIA	10	0	0	0	0	0	0	1	1	0	1	10
EAST ASIA	61563	1068	696	1007	3226	492	1721	2547	10757	470	11227	19
AFGHANISTAN	67	3	0	1	2	0	1	1	8	4	12	18
BANGLADESH	1389	73	15	66	163	9	33	43	402	29	431	32
BHUTAN	14	2	0	0	1	1	0	0	4	0	4	29
INDIA	13025	461	510	374	1092	307	632	825	4201	129	4330	34
MALDIVES	7	0	0	0	2	1	0	0	3	0	3	43
NEPAL	339	6	0	15	16	2	2	5	46	6	52	16
PAKISTAN	4250	191	53	156	493	49	149	225	1316	90	1406	34
SRI LANKA	1295	35	5	56	90	2	19	40	247	28	275	22
SOUTH CENTRAL ASIA	20386	771	583	668	1859	371	836	1139	6227	286	6513	33
SOUTH-EAST ASIA, UNSPECIFIE	2	0	0	0	0	0	0	0	0	0	0	0

LOCATION		FIELD OF STUDY: ENGINEERING AND RELATED TECHNOLOGIES										
		GENERAL	CHEMICAL	CIVIL	ELECTR	INDUST	MECHAN	OTHER	ENG TOT	TECHNOL	TOTAL	
		NUM	NUM	NUM	NUM	NUM	NUM	NUM	NUM	NUM	NUM	% FS
BRUNEI	22	1	0	0	2	0	0	0	3	0	3	14
BURMA	138	5	0	2	5	0	4	3	19	2	21	16
INDONESIA	5474	134	86	130	353	108	98	190	1099	90	1189	23
CAMBODIA	126	2	0	4	4	0	2	4	16	10	26	23
LAOS	191	1	0	0	5	1	1	1	9	20	29	15
MALAYSIA	12839	460	218	774	1043	186	412	311	3404	162	3566	29
PHILIPPINES	2684	44	16	25	33	10	15	54	197	40	237	9
PORTUGUESE TIMOR	8	0	0	0	0	0	0	0	0	1	1	14
SINGAPORE	2850	102	11	21	235	28	100	91	588	26	614	23
THAILAND	4007	87	40	69	111	32	43	98	480	53	533	14
VIETNAM	1194	53	5	7	72	2	11	53	203	60	263	27
SOUTH-EAST ASIA	29535	889	376	1032	1863	367	686	805	6018	464	6482	23
BAHRAIN	266	26	0	3	12	0	5	12	58	13	71	27
CYPRUS	1137	56	20	59	115	10	70	33	363	29	392	36
IRAN	6340	274	83	186	563	38	213	334	1691	182	1873	31
IRAQ	612	24	2	51	59	12	15	38	201	21	222	37
ISRAEL	1465	59	8	31	80	14	27	47	266	20	286	21
JORDAN	3312	252	27	191	316	41	113	188	1128	96	1224	39
KUWAIT	2068	131	12	51	128	59	42	216	639	93	732	37
LEBANON	3658	210	23	283	416	44	139	235	1350	233	1583	46
OMAN	486	38	2	25	34	5	9	44	157	9	166	37
QATAR	404	48	0	14	42	5	7	25	142	13	155	40
SAUDI ARABIA	3520	80	29	124	172	63	79	164	711	197	908	26
SYRIA	1114	119	6	121	142	11	32	83	514	28	542	50
TURKEY	1645	58	14	34	132	32	81	138	489	13	502	32
UNITED ARAB EMIRATES	971	73	11	5	91	8	14	49	251	76	327	34
YEMEN ARAB REPUBLIC	336	36	0	16	20	1	5	28	106	17	123	38
YEMEN, PEOPLE'S DEM. REP.	44	0	0	1	10	0	1	0	12	0	12	29
MIDDLE EAST	27478	1484	237	1195	2332	343	852	1635	8078	1040	9118	35
ASIA	138962	4212	1892	3902	9280	1573	4095	6125	31080	2260	33340	25
ALBANIA	1	0	0	0	0	0	0	0	0	0	0	0
BULGARIA	32	1	0	0	1	0	0	3	5	0	5	17
CZECHOSLOVAKIA	38	0	0	0	2	0	1	0	3	1	4	11
GERMAN DEMOCRATIC REP.	47	0	0	0	1	0	0	0	1	2	3	7
HUNGARY	131	2	2	2	3	0	1	1	11	0	11	9
POLAND	465	9	2	3	14	1	7	23	59	7	66	15
ROMANIA	55	2	0	1	4	0	1	3	11	3	14	26
U. S. S. R.	50	0	0	0	4	0	0	1	5	0	5	11
YUGOSLAVIA	393	5	2	16	37	1	9	14	84	4	88	23
EASTERN EUROPE	1212	19	6	22	66	2	19	45	179	17	196	17
ANDORRA	1	0	0	0	0	0	0	0	0	0	0	0
AUSTRIA	295	2	3	4	1	0	5	5	20	2	22	8
BELGIUM	540	2	9	2	20	0	6	14	53	6	59	11
DENMARK	406	3	1	5	2	0	3	5	20	1	21	5

LOCATION		FIELD OF STUDY: ENGINEERING AND RELATED TECHNOLOGIES										
		GENERAL	CHEMICAL	CIVIL	ELECTR	INDUST	MECHAN	OTHER	ENG TOT	TECHNOL	TOTAL	
		NUM	NUM	NUM	NUM	NUM	NUM	NUM	NUM	NUM	NUM	% FS
FINLAND	411	3	3	1	6	1	1	5	20	7	27	7
FRANCE	2578	28	23	25	80	10	46	55	268	29	297	12
GERMANY, FED. REP. OF	3502	30	16	15	59	11	45	65	241	32	273	8
GIBRALTAR	5	0	0	0	2	0	0	0	2	0	2	40
GREECE	2348	58	92	85	152	13	70	116	566	42	608	26
VATICAN CITY	17	0	0	0	0	0	0	0	0	0	0	0
ICELAND	406	5	2	9	16	2	6	12	51	11	62	15
IRELAND	574	4	7	6	10	1	12	6	46	8	54	8
ITALY	1165	12	7	12	23	2	15	22	93	8	101	9
LIECHTENSTEIN	5	0	0	1	0	0	0	0	1	0	1	20
LUXEMBOURG	15	0	0	0	0	1	0	1	2	0	2	13
MALTA	54	1	0	0	0	0	1	2	4	1	5	10
MONACO	4	0	0	0	0	0	0	1	1	0	1	25
NETHERLANDS	1033	11	5	4	15	2	11	15	64	14	78	8
NORWAY	1230	5	3	21	68	5	39	35	177	9	186	16
PORTUGAL	381	4	3	7	20	2	6	10	52	5	57	15
SAN MARINO	2	0	0	0	0	0	0	0	0	0	0	0
SPAIN	1460	15	4	10	28	5	5	34	101	5	106	8
SWEDEN	997	14	2	6	25	2	10	13	72	6	78	8
SWITZERLAND	616	5	0	5	20	0	6	14	50	5	55	10
UNITED KINGDOM	4188	43	17	19	89	15	31	65	279	47	326	8
ENGLAND	1	0	0	0	0	0	0	0	0	0	0	0
ISLE OF MAN	1	0	0	0	0	0	0	0	0	1	1	100
WALES	2	0	0	0	0	0	0	0	0	0	0	0
WESTERN EUROPE	22338	247	197	217	634	72	318	498	2183	239	2422	11
EUROPE	23550	266	203	239	700	74	337	563	2362	256	2618	12
CARIBBEAN, UNSPECIFIED	97	0	0	1	2	1	2	1	7	6	13	14
BAHAMAS	1063	15	3	5	12	0	3	4	42	49	91	9
BARBADOS	251	1	2	2	3	0	0	7	15	15	30	13
CAYMAN ISLANDS	33	0	0	0	1	0	0	1	2	1	3	11
CUBA	1050	2	1	0	5	2	0	1	11	71	82	8
DOMINICAN REPUBLIC	477	3	0	7	9	4	5	17	45	14	59	13
GUADELOUPE	7	1	0	0	0	0	1	0	2	0	2	29
HAITI	1088	11	2	13	27	2	1	12	68	72	140	13
JAMAICA	1376	9	9	20	44	2	18	13	115	48	163	13
LEEWARD ISLANDS	5	0	0	0	0	0	0	0	0	0	0	0
ANTIGUA	109	1	1	0	2	0	1	3	8	3	11	11
BRITISH VIRGIN ISLANDS	38	0	0	0	0	0	0	0	0	6	6	16
MONTSERRAT	8	0	0	0	0	0	0	0	0	0	0	0
ST. KITTS-NEVIS	47	0	0	1	3	0	0	0	4	1	5	11
ANGUILLA	9	0	0	0	1	0	0	0	1	0	1	11
MARTINIQUE	4	0	0	0	0	0	0	0	0	1	1	25
NETHERLANDS ANTILLES	414	3	3	1	7	1	5	10	30	17	47	12
TRINIDAD & TOBAGO	1375	11	4	20	59	7	21	21	143	70	213	16
TURKS & CAICOS ISLANDS	10	0	0	0	0	0	0	0	0	0	0	0

LOCATION		FIELD OF STUDY: ENGINEERING AND RELATED TECHNOLOGIES										
		GENERAL	CHEMICAL	CIVIL	ELECTR	INDJST	MECHAN	OTHER	ENG TOT	TECHNOL	TOTAL	
		NUM	NUM	NUM	NUM	NUM	NUM	NUM	NUM	NUM	NUM	% FS
WINDWARD ISLANDS	31	0	0	0	0	0	0	0	0	2	2	6
DOMINICA	56	0	3	1	3	0	3	0	10	1	11	20
GRENADA	111	0	1	2	2	0	0	1	6	3	9	9
ST. LUCIA	52	2	0	0	2	0	1	0	5	3	8	15
ST. VINCENT	31	0	0	0	5	0	0	1	6	0	6	20
CARIBBEAN	7742	59	29	73	187	19	61	92	520	383	903	12
BELIZE	337	1	1	1	3	1	2	0	9	4	13	4
COSTA RICA	634	11	3	11	16	13	1	11	66	6	72	12
EL SALVADOR	757	20	4	15	27	16	8	21	111	26	137	19
GUATEMALA	521	13	3	6	15	8	8	25	83	5	88	17
HONDURAS	838	24	12	11	21	30	10	17	125	11	136	17
MEXICO	3535	26	39	38	77	41	49	85	356	59	415	12
NICARAGUA	1691	3	6	7	5	5	4	7	38	103	141	8
PANAMA	1349	32	14	24	44	19	16	29	178	57	235	19
CENTRAL AMERICA	9662	130	87	113	208	134	98	196	966	271	1237	13
SOUTH AMERICA, UNSPECIFIED	2	0	0	0	0	0	0	0	0	0	0	0
ARGENTINA	997	12	16	20	17	5	9	21	100	7	107	11
BOLIVIA	682	21	4	23	39	13	13	20	133	11	144	22
BRAZIL	1840	34	7	29	41	3	23	68	205	17	222	13
CHILE	700	5	10	9	14	9	7	19	73	9	82	12
COLOMBIA	2299	47	14	51	42	26	19	62	261	53	314	14
ECUADOR	730	10	2	12	15	8	12	18	77	19	96	13
FALKLAND ISLANDS	4	0	0	0	0	0	1	0	1	0	1	25
FRENCH GUIANA	4	0	0	0	0	0	0	2	2	0	2	50
GUYANA	319	5	5	5	26	1	3	4	49	9	58	19
PARAGUAY	120	0	0	3	4	0	1	2	10	1	11	9
PERU	1444	25	4	18	43	20	22	42	174	32	206	15
SURINAME	141	3	2	0	4	3	3	2	17	2	19	14
URUGUAY	153	4	0	0	6	0	3	3	16	5	21	14
VENEZUELA	2368	53	18	49	67	35	56	79	357	88	445	20
SOUTH AMERICA	11803	219	82	219	318	123	172	342	1475	253	1728	15
LATIN AMERICA	29207	408	198	405	713	276	331	630	2961	907	3868	14
BERMUDA	436	4	0	1	3	0	2	1	11	26	37	9
CANADA	10041	130	29	46	76	47	145	200	673	171	844	9
NORTH AMERICAN REGION	10477	134	29	47	79	47	147	201	684	147	831	9
NORTH AMERICA	10477	134	29	47	79	47	147	201	684	147	831	9
AUSTRALIA	353	4	6	7	10	0	4	12	43	10	53	6
NEW ZEALAND	364	0	3	3	3	0	3	2	14	3	17	5
AUSTRALIA + NEW ZEALAND	1217	4	9	10	13	0	7	14	57	13	70	6
SOLOMON ISLANDS	5	0	0	0	0	0	0	0	0	0	0	0
COOK ISLANDS	3	0	0	0	0	0	0	0	0	0	0	0
FIJI	117	3	0	0	1	0	0	0	4	1	5	5
FRENCH POLYNESIA	53	0	0	0	0	0	0	0	0	1	1	2
KIRIBATI	15	0	0	0	0	0	0	0	0	0	0	0

LOCATION		FIELD OF STUDY: ENGINEERING AND RELATED TECHNOLOGIES										
		GENERAL	CHEMICAL	CIVIL	ELECTR	INDUST	MECHAN	OTHER	ENG TOT	TECHNOL	TOTAL	
		NUM	NUM	NUM	NUM	NUM	NUM	NUM	NUM	NUM	NUM	% FS
PAPUA-NEW GUINEA	14	0	0	0	0	0	0	0	0	0	0	0
NIUE	1	0	0	0	0	0	0	0	0	0	0	0
NORFOLK ISLAND	1	0	0	0	0	0	0	0	0	0	0	0
PACIFIC ISLANDS, TRUST TER.	770	1	0	3	1	1	1	1	8	44	52	7
TONGA	122	0	0	0	0	0	0	0	0	0	0	0
TUVALU	1	0	0	0	0	0	0	0	0	0	0	0
WESTERN SAMOA	96	0	0	0	0	0	0	0	0	1	1	1
PACIFIC OCEAN ISLAND AREA	1198	4	0	3	2	1	1	1	12	47	59	5
OCEANIA	2415	8	9	13	15	1	8	15	69	60	129	6
ANTARCTICA	2	0	0	0	0	0	0	0	0	0	0	0
POLAR REGIONS	2	0	0	0	0	0	0	0	0	0	0	0
POLAR REGIONS	2	0	0	0	0	0	0	0	0	0	0	0
STATELESS	103	5	0	4	7	0	3	10	29	0	29	30
STATELESS REGION	103	5	0	4	7	0	3	10	29	0	29	30
STATELESS OR UNKNOWN	103	5	0	4	7	0	3	10	29	0	29	30
******** FINAL TOTALS ****	225999	5433	2436	5128	11558	2042	5214	7977	39788	4175	43963	20

LOCATION		FIELD OF STUDY: FINE & APPLIED ARTS ARTS NUM	ARCHIT NUM	TOTAL NUM	TOTAL % FS	HEALTH PROFESSIONS MEDICINE NUM	DENTIST NUM	NURSING NUM	OTHER NUM	SUB TOT NUM	ALLIED NUM	TOTAL NUM	TOTAL % FS
UNKNOWN AREA OF WORLD	3285	67	5	72	3	2	1	20	22	45	16	61	2
UNKNOWN AREA OF WORLD	3285	67	5	72	3	2	1	20	22	45	16	61	2
UNKNOWN AREA OF WORLD	3285	67	5	72	3	2	1	20	22	45	16	61	2
EASTERN AFRICA, UNSPECIFIED	4	0	0	0	0	0	0	0	0	0	0	0	0
DJIBOUTI	16	0	0	0	0	0	0	0	1	1	0	1	6
BRITISH INDIAN OCEAN TERR.	1	0	0	0	0	0	0	0	0	0	0	0	0
BURUNDI	28	1	0	1	4	0	0	2	0	2	0	2	8
COMOROS	13	0	2	2	15	0	0	0	0	0	1	1	8
ETHIOPIA	1132	8	4	12	1	17	0	30	53	100	14	114	10
KENYA	1194	14	7	21	2	5	6	11	34	56	7	63	5
MADAGASCAR	47	1	0	1	2	0	0	2	1	3	0	3	7
MALAWI	124	2	6	8	7	5	0	10	0	15	2	17	14
MAURITIUS	64	0	2	2	3	0	0	0	0	0	0	0	0
MOZAMBIQUE	15	0	0	0	0	0	0	0	0	0	0	0	0
ZIMBABWE	321	5	4	9	3	7	1	5	10	23	5	28	9
RWANDA	46	0	2	2	5	0	0	3	1	4	0	4	9
SEYCHELLES	16	0	0	0	0	0	0	0	0	0	0	0	0
SOMALIA	305	1	4	5	2	1	0	1	3	5	4	9	3
TANZANIA	335	1	4	5	2	1	2	6	11	20	4	24	7
UGANDA	290	4	1	5	2	2	1	8	11	22	2	24	8
ZAMBIA	245	1	1	2	1	1	1	7	8	17	0	17	7
EASTERN AFRICA	4196	38	37	75	2	39	11	85	133	268	39	307	8
CENTRAL AFRICA, UNSPECIFIED	2	0	0	0	0	0	0	0	0	0	0	0	0
ANGOLA	9	0	0	0	0	0	0	0	0	0	1	1	11
CAMEROON	821	9	3	12	2	4	1	25	51	81	13	94	12
CENTRAL AFRICAN REPUBLIC	18	0	1	1	6	0	0	1	1	2	0	2	11
CHAD	11	0	0	0	0	0	0	1	0	1	0	1	13
CONGO	15	0	2	2	15	0	0	0	0	0	0	0	0
EQUATORIAL GUINEA	15	0	0	0	0	0	0	1	0	1	0	1	7
GABON	34	0	1	1	3	0	0	0	0	0	0	0	0
SAO TOME & PRINCIPE	10	1	0	1	10	0	0	0	0	0	0	0	0
ZAIRE	181	2	0	2	1	0	0	7	5	12	2	14	8
CENTRAL AFRICA	1116	12	7	19	2	4	1	35	57	97	16	113	10
ALGERIA	436	2	18	20	5	0	0	0	2	2	1	3	1
CANARY ISLANDS	10	0	0	0	0	0	0	0	1	1	0	1	10
EGYPT	1341	12	40	52	4	15	10	10	39	74	5	79	6
LIBYA	264	1	5	6	2	0	3	2	5	10	0	10	4
MOROCCO	563	2	4	6	1	3	2	0	4	9	2	11	2
WESTERN SAHARA	1	0	0	0	0	0	0	0	0	0	0	0	0
SUDAN	343	3	4	7	2	4	2	0	13	19	1	20	6
TUNISIA	495	2	0	2	0	2	0	1	0	3	0	3	1
NORTH AFRICA	3453	22	71	93	3	24	17	13	64	118	9	127	4
SOUTHERN AFRICA, UNSPECIFIE	35	0	0	0	0	0	0	0	0	0	1	1	3
BOTSWANA	176	3	5	8	5	0	0	1	5	5	5	11	7
LESOTHO	62	0	0	0	0	0	0	0	1	1	0	1	2

LOCATION		FIELD OF STUDY: FINE & APPLIED ARTS				HEALTH PROFESSIONS							
		ARTS	ARCHIT	TOTAL	% FS	MEDICINE	DENTIST	NURSING	OTHER	SUB TOT	ALLIED	TOTAL	% FS
		NUM	NUM	NUM		NUM	NUM	NUM	NUM	NUM	NUM	NUM	
NAMIBIA	97	0	1	1	1	0	0	1	1	2	0	2	2
SOUTH AFRICA	1257	41	17	58	5	14	3	23	45	85	17	102	8
SWAZILAND	124	1	1	2	2	0	0	5	5	10	2	12	10
SOUTHERN AFRICA	1751	45	24	69	4	14	3	30	57	104	25	129	8
WEST AFRICA, UNSPECIFIED	19	1	0	1	5	0	0	0	0	0	0	0	0
CAPE VERDE	35	0	1	1	3	0	0	0	0	0	0	0	0
BENIN	24	1	2	3	13	0	0	1	0	1	0	1	4
GAMBIA	113	0	0	0	0	1	0	2	1	4	2	6	5
GHANA	712	9	8	17	2	12	3	11	28	54	1	55	8
GUINEA	62	0	0	0	0	0	0	0	1	1	1	2	3
GUINEA-BISSAU	37	1	0	1	3	0	0	0	0	0	0	0	0
IVORY COAST	174	1	2	3	2	0	0	0	0	0	0	0	0
LIBERIA	453	5	4	9	2	1	1	16	5	23	5	28	6
MALI	85	0	0	0	0	0	0	0	3	3	0	3	4
MAURITANIA	51	0	0	0	0	0	0	0	1	1	0	1	2
NIGER	50	0	0	0	0	0	0	1	0	1	0	1	2
NIGERIA	5196	84	111	195	4	30	5	81	288	404	30	434	9
SENEGAL	102	0	0	0	0	0	0	4	2	6	0	6	6
SIERRA LEONE	273	2	2	4	2	3	0	10	1	14	6	20	8
TOGO	45	0	0	0	0	0	0	1	1	2	0	2	5
BURKINA FASO	36	1	0	1	3	0	0	3	0	3	0	3	8
WEST AFRICA	7467	105	130	235	3	47	9	130	331	517	45	562	8
AFRICA, UNSPECIFIED	15	0	0	0	0	0	0	0	0	0	0	0	0
AFRICA REGION UNSPECIFIED	15	0	0	0	0	0	0	0	0	0	0	0	0
AFRICA	17998	222	269	491	3	128	41	293	642	1104	134	1238	7
CHINA	15281	396	74	470	3	93	8	72	229	402	26	428	3
TAIWAN	16027	423	183	606	4	74	52	92	221	449	46	495	3
HONG KONG	5830	150	99	249	4	32	14	31	128	205	42	247	4
JAPAN	11444	677	127	804	7	32	16	30	41	119	17	136	1
KOREA, DEMOCRATIC PEOPLES RE	278	6	1	7	3	0	0	1	3	4	1	5	2
KOREA, REPUBLIC OF	12534	466	196	662	5	36	24	25	97	182	11	193	2
MACAO	59	1	0	1	2	0	0	0	3	3	0	3	5
MONGOLIA	10	0	0	0	0	0	0	0	0	0	0	0	0
EAST ASIA	61563	2119	680	2799	5	267	124	251	722	1364	143	1507	3
AFGHANISTAN	67	0	3	3	4	4	1	0	0	5	1	6	9
BANGLADESH	1389	5	19	24	2	3	0	3	13	19	5	24	2
BHUTAN	14	0	0	0	0	0	0	0	1	1	0	1	7
INDIA	13025	60	141	201	2	63	20	53	203	339	35	374	3
MALDIVES	7	0	0	0	0	0	0	0	0	0	0	0	0
NEPAL	339	2	4	6	2	1	0	3	3	7	2	9	3
PAKISTAN	4250	28	43	71	2	19	5	13	31	68	22	90	2
SRI LANKA	1295	7	7	14	1	9	4	6	8	27	3	30	2
SOUTH CENTRAL ASIA	20386	102	217	319	2	99	30	78	259	466	68	534	3
SOUTH-EAST ASIA, UNSPECIFIE	2	0	0	0	0	0	0	0	0	0	0	0	0

LOCATION		FIELD OF STUDY: FINE & APPLIED ARTS				HEALTH PROFESSIONS							
		ARTS	ARCHIT	TOTAL	%	MEDICINE	DENTIST	NURSING	OTHER	SUB TOT	ALLIED	TOTAL	%
		NUM	NUM	NUM	FS	NUM	NUM	NUM	NUM	NUM	NUM	NUM	FS
BRUNEI	22	1	0	1	5	0	1	0	2	3	0	3	14
BURMA	138	0	3	3	2	0	1	2	0	3	1	4	3
INDONESIA	5474	78	119	197	4	10	3	33	41	87	5	92	2
CAMBODIA	126	0	0	0	0	1	0	5	4	10	1	11	10
LAOS	191	1	1	2	1	1	0	2	1	4	1	5	3
MALAYSIA	12839	172	608	780	6	14	12	29	65	120	48	168	1
PHILIPPINES	2684	62	32	94	4	10	14	73	29	126	28	154	6
PORTUGUESE TIMOR	8	0	0	0	0	0	0	0	0	0	0	0	0
SINGAPORE	2850	102	39	141	5	9	2	7	13	31	14	45	2
THAILAND	4007	104	74	178	5	11	11	19	59	100	13	113	3
VIETNAM	1194	15	1	16	2	5	5	13	19	43	2	45	5
SOUTH-EAST ASIA	29535	535	877	1412	5	62	49	183	233	527	113	640	2
BAHRAIN	266	3	2	5	2	1	1	2	2	6	1	7	3
CYPRUS	1137	27	39	66	5	0	4	2	12	18	5	23	2
IRAN	6340	55	72	127	2	79	125	52	212	468	112	580	10
IRAQ	612	9	24	33	5	2	6	0	18	26	5	31	5
ISRAEL	1465	98	26	124	9	6	0	4	31	41	14	55	4
JORDAN	3312	30	53	83	3	12	4	16	24	56	14	70	2
KUWAIT	2068	14	10	24	1	5	6	2	19	32	4	36	2
LEBANON	3658	44	70	114	3	26	18	12	71	127	43	170	5
OMAN	486	1	13	14	3	0	0	5	0	5	0	5	1
QATAR	404	1	9	10	3	0	1	1	1	3	1	4	1
SAUDI ARABIA	3520	16	50	66	2	13	8	23	27	71	39	110	3
SYRIA	1114	7	26	33	3	14	8	0	12	34	11	45	4
TURKEY	1545	18	15	33	2	0	0	0	4	4	1	5	0
UNITED ARAB EMIRATES	971	8	3	11	1	2	0	2	7	11	8	19	2
YEMEN ARAB REPUBLIC	336	1	3	4	1	1	0	0	2	3	0	3	1
YEMEN, PEOPLE'S DEM. REP.	44	0	0	0	0	1	0	0	0	1	0	1	2
MIDDLE EAST	27478	332	415	747	3	162	131	121	442	906	258	1164	4
ASIA	138962	3088	2189	5277	4	590	334	633	1656	3263	582	3845	3
ALBANIA	1	0	0	0	0	0	0	0	0	0	0	0	0
BULGARIA	32	1	0	1	3	0	0	0	1	1	1	2	7
CZECHOSLOVAKIA	38	0	0	0	0	1	0	1	1	3	2	5	13
GERMAN DEMOCRATIC REP.	47	2	0	2	4	0	0	0	1	1	1	2	4
HUNGARY	131	6	3	9	7	1	0	2	0	3	2	5	4
POLAND	465	30	0	30	7	5	2	5	4	16	3	19	4
ROMANIA	55	1	0	1	2	0	1	0	0	1	1	2	4
U. S. S. R.	50	3	0	3	7	1	0	0	1	2	1	3	7
YUGOSLAVIA	393	27	7	34	9	5	0	1	3	9	2	11	3
EASTERN EUROPE	1212	70	10	80	7	13	3	9	11	36	13	49	4
ANDORRA	1	0	0	0	0	0	0	0	0	0	0	0	0
AUSTRIA	295	14	5	19	7	1	0	1	2	4	0	4	1
BELGIUM	540	19	9	28	5	4	3	7	15	29	2	31	6
DENMARK	406	27	4	31	8	2	1	4	61	68	2	70	18

LOCATION		FIELD OF STUDY: FINE & APPLIED ARTS				HEALTH PROFESSIONS							
		ARTS	ARCHIT	TOTAL	%	MEDICINE	DENTIST	NURSING	OTHER	SUB TOT	ALLIED	TOTAL	%
		NUM	NUM	NUM	FS	NUM	NUM	NUM	NUM	NUM	NUM	NUM	FS
FINLAND	411	23	6	29	7	2	0	2	4	8	3	11	3
FRANCE	2578	103	24	127	5	3	11	12	38	64	2	66	3
GERMANY, FED. REP. OF	3502	166	51	217	6	23	5	9	21	58	10	68	2
GIBRALTAR	6	1	0	1	20	0	0	0	0	0	0	0	0
GREECE	2348	67	39	106	5	17	15	2	17	51	7	58	3
VATICAN CITY	17	0	0	0	0	0	0	0	1	1	3	4	27
ICELAND	406	33	13	46	11	0	2	4	3	9	7	16	4
IRELAND	674	21	10	31	5	4	1	7	12	24	7	31	5
ITALY	1165	58	11	79	7	5	5	5	7	22	1	23	2
LIECHTENSTEIN	5	0	0	0	0	0	0	0	0	0	0	0	0
LUXEMBOURG	15	0	0	0	0	0	0	0	0	0	0	0	0
MALTA	54	4	1	5	10	0	0	0	1	1	0	1	2
MONACO	4	0	0	0	0	0	0	0	0	0	0	0	0
NETHERLANDS	1033	41	7	48	5	3	10	3	9	30	14	44	4
NORWAY	1230	44	12	56	5	0	1	4	9	14	4	18	2
PORTUGAL	381	24	6	30	8	0	0	2	5	7	2	9	2
SAN MARINO	2	0	0	0	0	0	0	0	0	0	0	0	0
SPAIN	1460	42	29	71	5	5	0	14	24	44	3	47	3
SWEDEN	997	51	2	53	5	1	1	8	8	18	2	20	2
SWITZERLAND	616	42	8	50	8	3	1	6	21	31	5	36	6
UNITED KINGDOM	4188	217	58	275	7	20	8	16	57	101	21	122	3
ENGLAND	1	0	0	0	0	0	0	0	0	0	0	0	0
ISLE OF MAN	1	0	0	0	0	0	0	0	0	0	0	0	0
WALES	2	0	0	0	0	0	0	0	0	0	0	0	0
WESTERN EUROPE	22338	1007	295	1302	6	99	54	106	315	584	95	679	3
EUROPE	23550	1077	305	1382	6	112	57	115	326	620	108	728	3
CARIBBEAN, UNSPECIFIED	97	1	0	1	1	2	0	2	2	6	2	8	9
BAHAMAS	1063	26	13	39	4	13	11	14	13	51	16	67	7
BARBADOS	251	8	5	13	5	5	5	4	7	21	7	28	12
CAYMAN ISLANDS	33	0	3	3	11	0	0	1	0	1	0	1	4
CUBA	1050	0	3	3	0	0	0	13	4	17	57	74	7
DOMINICAN REPUBLIC	477	6	5	11	2	1	0	6	6	13	1	14	3
GUADELOUPE	7	0	0	0	0	0	0	0	1	1	0	1	14
HAITI	1088	5	11	16	1	5	2	35	12	54	42	96	9
JAMAICA	1376	24	14	38	3	14	24	22	37	97	20	117	9
LEEWARD ISLANDS	5	0	0	0	0	0	0	1	0	1	0	1	50
ANTIGUA	109	0	1	1	1	1	0	3	2	6	1	7	7
BRITISH VIRGIN ISLANDS	38	0	0	0	0	0	0	1	0	1	1	2	5
MONTSERRAT	8	0	0	0	0	0	0	0	0	0	0	0	0
ST. KITTS-NEVIS	47	0	1	1	2	1	1	0	1	3	1	4	9
ANGUILLA	9	0	0	0	0	0	0	0	0	0	1	1	11
MARTINIQUE	4	0	0	0	0	0	0	0	0	0	0	0	0
NETHERLANDS ANTILLES	414	8	4	12	3	3	4	2	13	22	7	29	7
TRINIDAD & TOBAGO	1375	39	33	72	5	27	21	16	34	98	24	122	9
TURKS & CAICOS ISLANDS	10	0	0	0	0	0	0	0	0	0	0	0	0

105

LOCATION		FIELD OF STUDY: FINE & APPLIED ARTS				HEALTH PROFESSIONS							
		ARTS	ARCHIT	TOTAL	% FS	MEDICINE	DENTIST	NURSING	OTHER	SUB TOT	ALLIED	TOTAL	% FS
		NUM	NUM	NUM		NUM	NUM	NUM	NUM	NUM	NUM	NUM	
WINDWARD ISLANDS	31	0	0	0	0	0	0	1	0	1	1	2	6
DOMINICA	56	0	2	2	4	1	3	0	0	4	7	11	20
GRENADA	111	1	1	2	2	0	2	1	5	8	4	12	12
ST. LUCIA	52	0	2	2	4	0	0	0	0	0	0	0	0
ST. VINCENT	31	0	1	1	3	0	0	0	1	1	2	3	10
CARIBBEAN	7742	118	99	217	3	73	73	122	138	406	194	600	8
BELIZE	337	12	1	13	4	2	1	5	28	36	7	43	13
COSTA RICA	534	20	8	28	5	2	3	1	4	10	5	15	2
EL SALVADOR	757	17	16	33	5	4	1	4	3	12	10	22	3
GUATEMALA	521	9	11	20	4	1	1	5	1	8	9	17	3
HONDURAS	838	12	7	19	2	5	2	2	6	15	12	27	3
MEXICO	3535	108	36	144	4	11	18	15	22	66	14	80	2
NICARAGUA	1591	4	8	12	1	2	1	16	2	21	47	68	4
PANAMA	1349	23	12	35	3	6	8	5	7	26	9	35	3
CENTRAL AMERICA	9562	205	99	304	3	33	35	53	73	194	113	307	3
SOUTH AMERICA, UNSPECIFIED	2	0	0	0	0	0	0	0	0	0	0	0	0
ARGENTINA	997	51	23	74	8	2	1	1	16	20	4	24	2
BOLIVIA	682	13	11	24	4	3	1	2	3	9	5	14	2
BRAZIL	1840	97	16	113	5	6	7	13	16	42	8	50	3
CHILE	700	20	8	28	4	1	1	4	7	13	6	19	3
COLOMBIA	2299	81	38	119	5	15	11	18	16	60	18	78	4
ECUADOR	730	19	11	30	4	0	0	1	2	3	2	5	1
FALKLAND ISLANDS	4	0	1	1	25	0	0	0	0	0	0	0	0
FRENCH GUIANA	4	0	0	0	0	0	0	0	0	0	0	0	0
GUYANA	319	8	1	9	3	6	1	9	15	31	3	34	11
PARAGUAY	120	0	6	6	5	2	0	0	1	3	0	3	3
PERU	1444	36	18	54	4	2	2	1	6	11	7	18	1
SURINAME	141	2	2	4	3	2	2	2	3	9	1	10	7
URUGUAY	153	8	1	9	6	0	0	1	3	4	1	5	3
VENEZUELA	2368	84	47	131	5	10	4	6	21	41	28	69	3
SOUTH AMERICA	11803	419	183	602	5	49	30	58	109	246	83	329	3
LATIN AMERICA	29207	742	381	1123	4	155	138	233	320	846	390	1236	4
BERMUDA	436	19	7	26	6	1	3	11	3	18	7	25	6
CANADA	10041	544	166	710	7	58	101	249	443	851	318	1169	12
NORTH AMERICAN REGION	10477	553	173	736	7	59	104	260	446	869	325	1194	12
NORTH AMERICA	10477	563	173	736	7	59	104	260	446	869	325	1194	12
AUSTRALIA	853	57	12	69	8	3	5	6	42	56	4	60	7
NEW ZEALAND	364	14	4	18	5	2	2	2	11	17	0	17	5
AUSTRALIA + NEW ZEALAND	1217	71	16	87	7	5	7	8	53	73	4	77	7
SOLOMON ISLANDS	5	0	1	1	20	0	0	0	0	0	0	0	0
COOK ISLANDS	3	0	0	0	0	0	0	0	0	0	0	0	0
FIJI	117	6	1	7	7	1	0	0	1	2	1	3	3
FRENCH POLYNESIA	53	3	0	3	6	0	0	0	0	0	0	0	0
KIRIBATI	15	0	0	0	0	0	0	0	0	0	0	0	0

LOCATION		FIELD OF STUDY: FINE & APPLIED ARTS				HEALTH PROFESSIONS							
		ARTS	ARCHIT	TOTAL		MEDICINE	DENTIST	NURSING	OTHER	SUB TOT	ALLIED	TOTAL	
		NUM	NUM	NUM	% FS	NUM	NUM	NUM	NUM	NUM	NUM	NUM	% FS
PAPUA-NEW GUINEA	14	2	0	2	15	0	0	0	0	0	0	0	0
NIUE	1	0	0	0	0	0	0	0	0	0	0	0	0
NORFOLK ISLAND	1	1	0	1	100	0	0	0	0	0	0	0	0
PACIFIC ISLANDS, TRUST TER.	770	9	1	10	1	0	0	7	3	10	0	10	1
TONGA	122	0	0	0	0	0	0	0	0	0	0	0	0
TUVALU	1	0	0	0	0	0	0	0	0	0	0	0	0
WESTERN SAMOA	96	2	0	2	2	0	1	0	0	1	0	1	1
PACIFIC OCEAN ISLAND AREA	1198	23	3	26	2	1	1	7	4	13	1	14	1
OCEANIA	2415	94	19	113	5	6	8	15	57	86	5	91	4
ANTARCTICA	2	0	0	0	0	0	0	0	0	0	0	0	0
POLAR REGIONS	2	0	0	0	0	0	0	0	0	0	0	0	0
POLAR REGIONS	2	0	0	0	0	0	0	0	0	0	0	0	0
STATELESS	103	0	0	0	0	0	0	1	2	3	0	3	3
STATELESS REGION	103	0	0	0	0	0	0	1	2	3	0	3	3
STATELESS OR UNKNOWN	103	0	0	0	0	0	0	1	2	3	0	3	3
******** FINAL TOTALS ****	225999	5853	3341	9194	4	1052	743	1570	3471	6836	1560	8396	4

LOCATION		FIELD OF STUDY: HUMANITIES LETTERS	FRN LANG	THEOLOGY	PHIL/REL	TOTAL		MATH & COMPUTER SCIENCES: COMP SCI	MATH	TOTAL	
		NUM	NUM	NUM	NUM	NUM	% FS	NUM	NUM	NUM	% FS
UNKNOWN AREA OF WORLD	3285	19	22	1	7	49	2	225	39	264	9
UNKNOWN AREA OF WORLD	3285	19	22	1	7	49	2	225	39	264	9
UNKNOWN AREA OF WORLD	3285	19	22	1	7	49	2	225	39	264	9
EASTERN AFRICA, UNSPECIFIED	4	0	0	0	0	0	0	0	0	0	0
DJIBOUTI	16	0	0	0	0	0	0	1	1	2	13
BRITISH INDIAN OCEAN TERR.	1	0	0	0	0	0	0	1	0	1	100
BURUNDI	28	1	2	0	0	3	12	1	1	2	8
COMOROS	13	0	0	0	0	0	0	0	0	0	0
ETHIOPIA	1132	13	0	11	4	28	3	87	21	108	10
KENYA	1194	9	3	49	12	73	6	68	14	82	7
MADAGASCAR	47	0	2	5	0	7	15	3	1	4	9
MALAWI	124	0	1	2	0	3	2	3	2	5	4
MAURITIUS	64	0	0	1	0	1	2	6	2	8	14
MOZAMBIQUE	15	0	0	0	0	0	0	0	0	0	0
ZIMBABWE	321	3	1	7	4	15	5	24	4	28	9
RWANDA	46	1	0	0	0	1	2	1	2	3	7
SEYCHELLES	16	0	0	0	0	0	0	0	0	0	0
SOMALIA	305	3	1	0	0	4	1	7	11	18	6
TANZANIA	335	6	1	10	3	20	5	14	4	18	5
UGANDA	290	0	1	17	1	19	7	13	4	17	6
ZAMBIA	245	2	1	3	0	6	3	20	4	24	10
EASTERN AFRICA	4196	38	13	105	24	180	4	249	71	320	8
CENTRAL AFRICA, UNSPECIFIED	2	0	0	0	0	0	0	0	0	0	0
ANGOLA	9	0	0	0	0	0	0	0	0	0	0
CAMEROON	821	7	8	9	1	25	3	50	12	62	8
CENTRAL AFRICAN REPUBLIC	18	0	0	0	0	0	0	2	0	2	11
CHAD	11	0	0	0	0	0	0	2	0	2	25
CONGO	15	0	0	0	0	0	0	0	0	0	0
EQUATORIAL GUINEA	15	0	0	0	0	0	0	0	1	1	7
GABON	34	2	1	0	0	3	9	2	0	2	6
SAO TOME & PRINCIPE	10	0	0	0	0	0	0	0	0	0	0
ZAIRE	181	7	5	13	2	27	15	1	2	3	2
CENTRAL AFRICA	1116	16	14	22	3	55	5	57	15	72	7
ALGERIA	436	3	3	0	2	8	2	38	28	66	16
CANARY ISLANDS	10	1	0	0	0	1	10	1	0	1	10
EGYPT	1341	30	14	10	1	55	4	82	32	114	9
LIBYA	264	0	0	0	0	0	0	23	11	34	13
MOROCCO	563	28	5	1	1	35	7	62	12	74	14
WESTERN SAHARA	1	0	0	0	0	0	0	1	0	1	100
SUDAN	343	5	3	4	1	13	4	16	5	21	6
TUNISIA	495	2	3	1	0	6	1	21	18	39	8
NORTH AFRICA	3453	69	28	16	5	118	4	244	106	350	10
SOUTHERN AFRICA, UNSPECIFIE	35	1	0	1	0	2	6	2	0	2	6
BOTSWANA	176	3	0	0	0	3	2	3	0	3	2
LESOTHO	62	0	1	1	1	3	5	1	0	1	2

LOCATION		FIELD OF STUDY: HUMANITIES						MATH & COMPUTER SCIENCES			
		LETTERS	FRN LANG	THEOLOGY	PHIL/REL	TOTAL		COMP SCI	MATH	TOTAL	
		NUM	NUM	NUM	NUM	NUM	% FS	NUM	NUM	NUM	% FS
NAMIBIA	97	1	0	6	0	7	7	0	1	1	1
SOUTH AFRICA	1257	20	5	50	11	86	7	41	28	69	6
SWAZILAND	124	1	0	0	1	2	2	4	2	6	5
SOUTHERN AFRICA	1751	26	6	58	13	103	6	51	31	82	5
WEST AFRICA, UNSPECIFIED	19	0	0	0	0	0	0	0	0	0	0
CAPE VERDE	35	0	0	0	0	0	0	0	1	1	3
BENIN	24	0	1	1	0	2	9	1	0	1	4
GAMBIA	113	0	0	0	0	0	0	3	2	5	5
GHANA	712	7	9	31	11	58	8	29	21	50	7
GUINEA	62	0	1	1	0	2	3	1	0	1	2
GUINEA-BISSAU	37	1	1	0	0	2	5	0	1	1	3
IVORY COAST	174	3	3	0	0	6	4	11	4	15	9
LIBERIA	453	2	2	22	0	26	6	35	7	42	10
MALI	85	0	1	0	0	1	1	2	0	2	2
MAURITANIA	51	2	0	0	0	2	4	0	0	0	0
NIGER	50	2	0	0	0	2	4	0	0	0	0
NIGERIA	5196	44	18	70	26	158	3	171	56	227	5
SENEGAL	102	4	1	0	0	5	5	4	0	4	4
SIERRA LEONE	273	1	3	9	2	15	6	12	3	15	6
TOGO	45	3	2	1	0	6	14	2	1	3	7
BURKINA FASO	36	4	0	0	0	4	11	0	1	1	3
WEST AFRICA	7467	73	42	135	39	289	4	271	97	368	5
AFRICA, UNSPECIFIED	15	0	0	0	1	1	7	0	0	0	0
AFRICA REGION UNSPECIFIED	15	0	0	0	1	1	7	0	0	0	0
AFRICA	17998	222	103	336	85	746	4	872	320	1192	7
CHINA	15281	591	101	16	45	753	5	1005	951	1956	13
TAIWAN	16027	242	67	44	18	371	2	1816	652	2468	16
HONG KONG	5830	53	15	44	16	128	2	629	181	810	14
JAPAN	11444	574	194	66	31	865	8	317	154	471	4
KOREA,DEMOCRATIC PEOPLES RE	278	1	1	15	4	21	8	12	7	19	7
KOREA, REPUBLIC OF	12634	306	51	342	81	780	6	766	479	1245	10
MACAO	59	0	0	0	0	0	0	10	0	10	17
MONGOLIA	10	0	0	0	1	1	10	1	1	2	20
EAST ASIA	61563	1767	429	527	196	2919	5	4556	2425	6981	12
AFGHANISTAN	67	1	1	0	0	2	3	4	1	5	7
BANGLADESH	1389	9	4	2	6	21	2	128	31	159	12
BHUTAN	14	0	0	0	0	0	0	0	0	0	0
INDIA	13025	154	34	74	27	289	2	1465	343	1808	14
MALDIVES	7	0	0	0	0	0	0	0	0	0	0
NEPAL	339	7	0	2	1	10	3	34	10	44	13
PAKISTAN	4250	27	7	3	1	38	1	542	50	592	14
SRI LANKA	1295	7	4	9	2	22	2	122	93	215	17
SOUTH CENTRAL ASIA	20386	205	50	90	37	382	2	2295	528	2823	14
SOUTH-EAST ASIA, UNSPECIFIE	2	0	0	0	0	0	0	0	0	0	0

LOCATION		FIELD OF STUDY: HUMANITIES						MATH & COMPUTER SCIENCES			
		LETTERS	FRN LANG	THEOLOGY	PHIL/REL	TOTAL		COMP SCI	MATH	TOTAL	
		NUM	NUM	NUM	NUM	NUM	% FS	NUM	NUM	NUM	% FS
BRUNEI	22	1	0	0	0	1	5	4	0	4	19
BURMA	138	3	1	3	1	8	6	15	3	18	13
INDONESIA	5474	37	20	33	3	93	2	458	74	532	10
CAMBODIA	126	2	4	4	1	11	10	11	2	13	12
LAOS	191	1	0	8	0	9	5	2	1	3	2
MALAYSIA	12839	122	7	21	4	154	1	911	284	1195	10
PHILIPPINES	2684	33	8	60	9	110	4	242	84	326	13
PORTUGUESE TIMOR	8	0	0	0	0	0	0	0	0	0	0
SINGAPORE	2850	36	3	16	4	59	2	233	44	277	10
THAILAND	4007	95	15	13	5	128	3	331	31	362	9
VIETNAM	1194	6	8	16	0	30	3	157	19	176	18
SOUTH-EAST ASIA	29535	336	56	174	27	603	2	2364	542	2906	10
BAHRAIN	266	0	2	0	0	2	1	40	3	43	17
CYPRUS	1137	8	5	0	1	14	1	94	18	112	10
IRAN	6340	49	20	3	9	81	1	530	215	745	12
IRAQ	612	11	0	1	2	14	2	33	26	59	10
ISRAEL	1465	21	8	22	8	59	4	113	49	162	12
JORDAN	3312	75	13	1	0	89	3	290	69	359	11
KUWAIT	2068	23	4	0	0	27	1	246	32	278	14
LEBANON	3658	19	15	7	4	45	1	244	75	319	9
OMAN	486	5	0	0	0	5	1	27	5	32	7
QATAR	404	2	0	0	0	2	1	45	6	51	13
SAUDI ARABIA	3620	60	17	0	1	78	2	467	30	497	14
SYRIA	1114	13	3	0	1	17	2	125	25	150	14
TURKEY	1645	26	6	0	5	37	2	102	35	137	9
UNITED ARAB EMIRATES	971	5	1	0	1	7	1	138	13	151	16
YEMEN ARAB REPUBLIC	336	3	0	0	0	3	1	37	6	43	13
YEMEN, PEOPLE'S DEM. REP.	44	1	0	0	0	1	2	1	0	1	2
MIDDLE EAST	27478	321	94	34	32	481	2	2532	607	3139	12
ASIA	138962	2629	639	825	292	4385	3	11747	4102	15849	12
ALBANIA	1	0	0	0	0	0	0	1	0	1	100
BULGARIA	32	2	0	0	0	2	7	1	2	3	10
CZECHOSLOVAKIA	38	2	1	0	0	3	8	2	0	2	5
GERMAN DEMOCRATIC REP.	47	1	5	0	0	6	13	0	1	1	2
HUNGARY	131	13	2	2	0	17	13	8	16	24	19
POLAND	465	48	8	8	3	67	15	37	29	66	15
ROMANIA	55	3	0	0	1	4	7	1	2	3	6
U. S. S. R.	50	3	0	1	0	4	9	1	4	5	11
YUGOSLAVIA	393	12	9	2	4	27	7	24	27	51	13
EASTERN EUROPE	1212	84	25	13	8	130	11	75	81	156	13
ANDORRA	1	0	0	0	0	0	0	0	0	0	0
AUSTRIA	295	18	11	2	6	37	13	16	8	24	8
BELGIUM	540	33	23	3	3	62	12	15	8	23	4
DENMARK	406	9	9	5	1	24	5	8	13	21	5

LOCATION		FIELD OF STUDY: HUMANITIES						MATH & COMPUTER SCIENCES			
		LETTERS	FRN LANG	THEOLOGY	PHIL/REL	TOTAL		COMP SCI	MATH	TOTAL	
		NUM	NUM	NUM	NUM	NUM	% FS	NUM	NUM	NUM	% FS
FINLAND	411	11	14	4	1	30	8	10	4	14	4
FRANCE	2578	71	217	3	6	297	12	96	29	125	5
GERMANY, FED. REP. OF	3502	149	215	69	25	458	14	108	82	190	6
GIBRALTAR	6	0	0	0	0	0	0	0	0	0	0
GREECE	2348	53	10	3	6	72	3	216	96	312	14
VATICAN CITY	17	0	0	0	0	0	0	0	0	0	0
ICELAND	406	17	0	0	5	22	5	22	5	27	7
IRELAND	574	26	9	29	10	74	12	19	10	29	5
ITALY	1165	51	36	15	10	112	10	26	50	76	7
LIECHTENSTEIN	5	0	0	0	0	0	0	0	0	0	0
LUXEMBOURG	15	0	2	0	0	2	13	2	0	2	13
MALTA	54	2	2	0	1	5	10	2	1	3	6
MONACO	4	0	0	0	0	0	0	0	0	0	0
NETHERLANDS	1033	29	20	8	4	61	6	27	8	35	4
NORWAY	1230	18	5	4	2	29	2	57	16	73	6
PORTUGAL	381	10	9	5	4	28	8	17	11	28	8
SAN MARINO	2	0	0	0	0	0	0	0	0	0	0
SPAIN	1460	54	156	7	6	223	16	52	32	84	6
SWEDEN	997	19	15	9	3	46	5	33	4	37	4
SWITZERLAND	616	17	18	11	2	48	8	17	8	25	4
UNITED KINGDOM	4188	153	61	43	34	291	7	102	77	179	5
ENGLAND	1	0	0	0	0	0	0	0	0	0	0
ISLE OF MAN	1	0	0	0	0	0	0	0	0	0	0
WALES	2	0	0	0	0	0	0	0	0	0	0
WESTERN EUROPE	22338	740	832	220	129	1921	9	845	462	1307	6
EUROPE	23550	824	857	233	137	2051	9	920	543	1463	6
CARIBBEAN, UNSPECIFIED	97	1	0	0	0	1	1	3	4	7	8
BAHAMAS	1063	17	7	10	1	35	4	45	9	54	5
BARBADOS	251	1	0	9	1	11	5	11	0	11	5
CAYMAN ISLANDS	33	0	0	0	0	0	0	2	0	2	7
CUBA	1050	3	2	4	0	9	1	5	2	7	1
DOMINICAN REPUBLIC	477	5	9	5	0	19	4	22	4	26	6
GUADELOUPE	7	0	0	0	1	1	14	0	0	0	0
HAITI	1088	16	8	15	1	40	4	25	3	29	3
JAMAICA	1376	8	8	18	4	38	3	69	12	81	6
LEEWARD ISLANDS	5	0	0	0	0	0	0	0	0	0	0
ANTIGUA	109	1	1	0	2	4	4	9	1	10	10
BRITISH VIRGIN ISLANDS	38	2	1	0	0	3	8	4	0	4	11
MONTSERRAT	8	0	0	0	0	0	0	0	1	1	13
ST. KITTS-NEVIS	47	0	2	0	0	2	4	3	1	4	9
ANGUILLA	9	0	0	0	0	0	0	0	0	0	0
MARTINIQUE	4	0	0	0	0	0	0	1	0	1	25
NETHERLANDS ANTILLES	414	2	5	1	0	8	2	22	1	23	6
TRINIDAD & TOBAGO	1375	13	6	8	1	28	2	106	25	131	10
TURKS & CAICOS ISLANDS	10	0	0	0	0	0	0	0	0	0	0

LOCATION		FIELD OF STUDY: HUMANITIES						MATH & COMPUTER SCIENCES			
		LETTERS	FRN LANG	THEOLOGY	PHIL/REL	TOTAL		COMP SCI	MATH	TOTAL	
		NUM	NUM	NUM	NUM	NUM	% FS	NUM	NUM	NUM	% FS
WINDWARD ISLANDS	31	0	0	0	0	0	0	0	0	0	0
DOMINICA	56	1	1	0	0	2	4	1	0	1	2
GRENADA	111	2	2	2	0	6	6	4	0	4	4
ST. LUCIA	52	1	0	1	0	2	4	5	0	5	10
ST. VINCENT	31	0	0	0	2	2	7	0	0	0	0
CARIBBEAN	7742	73	52	73	13	211	3	333	63	401	5
BELIZE	337	8	1	2	2	13	4	15	6	21	6
COSTA RICA	634	19	8	4	3	34	6	32	3	35	6
EL SALVADOR	757	12	6	8	1	27	4	44	5	49	7
GUATEMALA	521	8	6	8	1	23	4	18	7	25	5
HONDURAS	838	5	3	4	3	15	2	44	7	51	6
MEXICO	3535	96	73	63	28	250	7	205	92	298	9
NICARAGUA	1691	5	6	2	1	14	1	11	2	13	1
PANAMA	1349	9	9	0	3	21	2	57	7	64	5
CENTRAL AMERICA	9662	152	112	91	42	397	4	427	129	556	6
SOUTH AMERICA, UNSPECIFIED	2	0	0	0	0	0	0	0	0	0	0
ARGENTINA	997	29	36	7	4	76	8	22	29	51	5
BOLIVIA	682	7	7	6	0	20	3	46	6	52	8
BRAZIL	1840	40	32	32	9	113	6	81	35	116	7
CHILE	700	9	36	6	4	55	8	21	30	51	7
COLOMBIA	2299	28	45	21	4	98	4	107	31	138	6
ECUADOR	730	6	7	7	2	22	3	31	6	37	5
FALKLAND ISLANDS	4	0	0	1	0	1	25	0	0	0	0
FRENCH GUIANA	4	1	0	0	0	1	25	0	0	0	0
GUYANA	319	2	4	4	0	10	3	17	6	23	7
PARAGUAY	120	1	0	4	0	5	4	6	0	6	5
PERU	1444	18	40	12	4	74	5	71	17	88	6
SURINAME	141	1	0	0	0	1	1	9	1	10	7
URUGUAY	153	3	6	3	1	13	9	8	5	13	9
VENEZUELA	2368	11	34	12	5	62	3	207	33	240	11
SOUTH AMERICA	11803	156	247	115	33	551	5	625	199	825	7
LATIN AMERICA	29207	381	411	279	88	1159	4	1391	391	1782	6
BERMUDA	436	8	3	11	1	23	5	18	3	21	5
CANADA	10041	223	57	330	93	703	7	142	107	249	3
NORTH AMERICAN REGION	10477	231	60	341	94	726	7	160	110	270	3
NORTH AMERICA	10477	231	60	341	94	726	7	160	110	270	3
AUSTRALIA	853	19	4	81	17	121	15	11	15	26	3
NEW ZEALAND	364	7	3	18	2	30	8	3	14	17	5
AUSTRALIA + NEW ZEALAND	1217	26	7	99	19	151	13	14	29	43	4
SOLOMON ISLANDS	5	0	0	0	0	0	0	1	0	1	20
COOK ISLANDS	3	0	0	0	0	0	0	0	0	0	0
FIJI	117	2	0	2	0	4	4	4	1	5	5
FRENCH POLYNESIA	53	0	0	0	0	0	0	4	0	4	8
KIRIBATI	15	0	0	1	0	1	7	0	0	0	0

LOCATION		FIELD OF STUDY: HUMANITIES						MATH & COMPUTER SCIENCES			
		LETTERS	FRN LANG	THEOLOGY	PHIL/REL	TOTAL		COMP SCI	MATH	TOTAL	
		NUM	NUM	NUM	NUM	NUM	% FS	NUM	NUM	NUM	% FS
PAPUA-NEW GUINEA	14	0	0	1	0	1	8	0	1	1	8
NIUE	1	0	0	0	0	0	0	0	0	0	0
NORFOLK ISLAND	1	0	0	0	0	0	0	0	0	0	0
PACIFIC ISLANDS, TRUST TER.	770	6	0	3	1	10	1	72	59	131	17
TONGA	122	2	0	0	0	2	2	5	4	9	9
TUVALU	1	0	0	0	0	0	0	0	0	0	0
WESTERN SAMOA	96	7	0	7	0	14	15	4	2	6	6
PACIFIC OCEAN ISLAND AREA	1198	17	0	14	1	32	3	90	67	157	14
OCEANIA	2415	43	7	113	20	183	8	104	96	200	9
ANTARCTICA	2	0	0	0	0	0	0	0	0	0	0
POLAR REGIONS	2	0	0	0	0	0	0	0	0	0	0
POLAR REGIONS	2	0	0	0	0	0	0	0	0	0	0
STATELESS	103	2	0	0	0	2	2	6	9	15	16
STATELESS REGION	103	2	0	0	0	2	2	6	9	15	16
STATELESS OR UNKNOWN	103	2	0	0	0	2	2	6	9	15	16
******** FINAL TOTALS ****	225999	4351	2099	2128	723	9301	4	15425	5610	21035	10

LOCATION		FIELD OF STUDY: PHYSICAL & LIFE SCIENCES PHYS SCI NUM	LIFE SCI NUM	TECHNOL NUM	TOTAL NUM	TOTAL % FOS	AREA STU NUM	SOC SCI NUM	SOCIAL SCIENCE PSYCH NUM	PUBL AFF NUM	TOTAL NUM	TOTAL % FOS
UNKNOWN AREA OF WORLD	3285	63	64	3	130	5	0	103	28	18	149	5
UNKNOWN AREA OF WORLD	3285	63	64	3	130	5	0	103	28	18	149	5
UNKNOWN AREA OF WORLD	3285	63	64	3	130	5	0	103	28	18	149	5
EASTERN AFRICA, UNSPECIFIED	4	1	1	0	2	50	0	0	0	0	0	0
DJIBOUTI	16	0	0	0	0	0	0	4	0	0	4	25
BRITISH INDIAN OCEAN TERR.	1	0	0	0	0	0	0	0	0	0	0	0
BURUNDI	28	1	0	0	1	4	0	3	0	1	4	15
COMOROS	13	2	1	0	3	23	0	0	0	0	0	0
ETHIOPIA	1132	58	47	1	106	10	3	78	8	11	100	9
KENYA	1194	35	41	0	76	7	4	108	11	22	142	12
MADAGASCAR	47	2	2	0	4	9	0	3	0	1	4	9
MALAWI	124	3	9	0	12	10	0	11	1	1	13	11
MAURITIUS	64	0	3	0	3	5	0	2	2	0	4	7
MOZAMBIQUE	15	0	0	0	0	0	0	1	0	0	1	7
ZIMBABWE	321	8	9	1	18	6	0	21	2	9	32	10
RWANDA	46	1	1	0	2	5	0	5	0	0	5	11
SEYCHELLES	16	1	0	0	1	6	0	1	1	0	2	13
SOMALIA	305	20	6	0	26	9	0	32	2	1	35	12
TANZANIA	335	15	8	2	25	8	1	26	2	2	31	9
UGANDA	290	4	14	0	18	6	0	27	2	6	35	12
ZAMBIA	245	10	7	1	18	8	0	24	2	6	32	13
EASTERN AFRICA	4196	161	149	5	315	8	5	346	33	60	444	11
CENTRAL AFRICA, UNSPECIFIED	2	0	0	0	0	0	0	0	0	0	0	0
ANGOLA	9	0	0	0	0	0	0	0	0	0	0	0
CAMEROON	821	27	34	0	61	8	2	65	3	17	87	11
CENTRAL AFRICAN REPUBLIC	18	0	1	0	1	6	0	1	0	0	1	6
CHAD	11	0	1	0	1	13	0	0	0	0	0	0
CONGO	15	1	0	0	1	8	0	2	0	1	3	23
EQUATORIAL GUINEA	15	0	0	0	0	0	0	0	0	0	0	0
GABON	34	0	0	0	0	0	0	1	0	0	1	3
SAO TOME & PRINCIPE	10	0	0	0	0	0	0	0	1	0	1	10
ZAIRE	181	4	9	0	13	7	0	16	0	1	17	10
CENTRAL AFRICA	1116	32	45	0	77	7	2	85	4	19	110	10
ALGERIA	436	66	10	1	77	18	0	32	2	0	34	8
CANARY ISLANDS	10	0	0	0	0	0	0	1	0	3	4	40
EGYPT	1341	58	76	2	136	10	6	51	8	13	78	6
LIBYA	264	18	11	0	29	11	7	19	0	3	29	11
MOROCCO	563	13	28	0	41	8	1	28	0	4	33	6
WESTERN SAHARA	1	0	0	0	0	0	0	0	0	0	0	0
SUDAN	343	13	14	0	27	8	0	47	1	5	53	16
TUNISIA	495	4	1	0	5	1	1	22	2	4	29	6
NORTH AFRICA	3453	172	140	3	315	9	15	200	13	32	260	8
SOUTHERN AFRICA, UNSPECIFIE	35	1	2	0	3	9	0	6	0	2	8	23
BOTSWANA	176	3	2	0	5	3	0	15	1	7	23	14
LESOTHO	62	0	4	0	4	7	0	6	0	1	7	12

FIELD OF STUDY

LOCATION		PHYSICAL & LIFE SCIENCES					SOCIAL SCIENCE					
		PHYS SCI	LIFE SCI	TECHNOL	TOTAL	%	AREA STU	SOC SCI	PSYCH	PUBL AFF	TOTAL	%
		NUM	NUM	NUM	NUM	FS	NUM	NUM	NUM	NUM	NUM	FOS
NAMIBIA	97	2	4	1	7	7	1	11	0	7	19	20
SOUTH AFRICA	1257	51	37	2	90	7	3	86	24	25	138	11
SWAZILAND	124	4	5	0	9	8	0	7	1	3	11	9
SOUTHERN AFRICA	1751	61	54	3	118	7	4	131	26	45	206	12
WEST AFRICA, UNSPECIFIED	19	0	0	0	0	0	0	3	0	0	3	17
CAPE VERDE	35	0	2	0	2	6	0	2	0	0	2	6
BENIN	24	0	1	0	1	4	0	4	0	1	5	22
GAMBIA	113	4	4	2	10	9	1	19	0	4	24	22
GHANA	712	47	32	0	79	11	2	74	5	10	91	13
GUINEA	62	1	2	0	3	5	0	13	1	2	16	27
GUINEA-BISSAU	37	1	2	0	3	8	0	3	0	0	3	8
IVORY COAST	174	8	13	0	21	13	2	16	0	1	19	11
LIBERIA	453	9	17	0	26	6	1	35	3	14	53	12
MALI	85	3	3	0	6	7	0	7	0	6	13	16
MAURITANIA	51	1	4	0	5	11	0	3	0	0	3	7
NIGER	50	2	7	0	9	18	0	5	0	0	5	10
NIGERIA	5196	121	148	7	276	6	5	448	33	194	680	14
SENEGAL	102	0	6	0	6	6	1	8	1	3	13	13
SIERRA LEONE	273	10	10	1	21	8	0	33	1	4	38	14
TOGO	45	2	2	0	4	9	0	7	0	0	7	16
BURKINA FASO	36	2	4	1	7	19	0	3	0	0	3	8
WEST AFRICA	7467	211	257	11	479	7	12	683	44	239	978	14
AFRICA, UNSPECIFIED	15	0	0	0	0	0	0	1	1	1	3	20
AFRICA REGION UNSPECIFIED	15	0	0	0	0	0	0	1	1	1	3	20
AFRICA	17998	637	645	22	1304	7	38	1446	121	396	2001	11
CHINA	15281	2820	1140	27	3987	27	85	952	74	75	1186	8
TAIWAN	16027	1068	565	43	1776	11	58	601	90	133	882	6
HONG KONG	5830	216	116	4	336	6	11	199	42	36	288	5
JAPAN	11444	189	138	7	334	3	59	897	215	91	1262	11
KOREA, DEMOCRATIC PEOPLES RE	278	12	15	3	30	11	1	10	0	2	13	5
KOREA, REPUBLIC OF	12534	975	509	6	1490	12	44	1357	95	166	1662	14
MACAO	59	0	0	0	0	0	0	1	1	1	3	5
MONGOLIA	10	0	0	0	0	0	0	0	0	0	0	0
EAST ASIA	61563	5280	2583	90	7953	13	258	4017	517	504	5296	9
AFGHANISTAN	67	0	3	1	4	6	0	5	0	0	5	7
BANGLADESH	1389	96	34	2	132	10	2	111	4	9	126	9
BHUTAN	14	0	0	0	0	0	0	2	0	0	2	14
INDIA	13025	997	494	12	1503	12	13	645	78	63	799	6
MALDIVES	7	0	0	1	1	14	0	1	0	1	2	29
NEPAL	339	19	10	1	30	9	0	38	0	7	45	13
PAKISTAN	4250	106	102	3	211	5	3	215	11	26	255	6
SRI LANKA	1295	150	73	2	225	18	2	80	7	9	98	8
SOUTH CENTRAL ASIA	20386	1368	716	22	2106	11	20	1097	100	115	1332	7
SOUTH-EAST ASIA, UNSPECIFIE	2	0	0	0	0	0	0	0	0	0	0	0

LOCATION		FIELD OF STUDY: PHYSICAL & LIFE SCIENCES					FIELD OF STUDY: SOCIAL SCIENCE					
		PHYS SCI	LIFE SCI	TECHNOL	TOTAL		AREA STU	SOC SCI	PSYCH	PUBL AFF	TOTAL	
		NUM	NUM	NUM	NUM	% FS	NUM	NUM	NUM	NUM	NUM	% FOS
BRUNEI	22	0	0	0	0	0	0	1	0	0	1	5
BURMA	138	17	4	1	22	16	0	9	0	1	10	7
INDONESIA	5474	107	74	5	186	4	10	230	24	46	310	6
CAMBODIA	126	3	0	0	3	3	0	2	0	0	2	2
LAOS	191	2	2	1	5	3	0	5	1	10	15	9
MALAYSIA	12839	236	155	12	403	3	9	561	34	95	699	6
PHILIPPINES	2684	116	94	8	218	8	2	135	28	23	238	9
PORTUGUESE TIMOR	8	0	0	0	0	0	0	4	0	0	4	57
SINGAPORE	2850	41	38	1	80	3	4	88	47	17	156	6
THAILAND	4007	96	77	1	174	5	2	289	13	59	363	10
VIETNAM	1194	16	26	1	43	4	0	9	3	2	14	1
SOUTH-EAST ASIA	29535	634	470	30	1134	4	27	1383	150	253	1813	6
BAHRAIN	266	4	3	0	7	3	1	10	1	1	13	5
CYPRUS	1137	25	24	6	55	5	0	50	11	6	77	7
IRAN	6340	397	422	11	830	14	10	223	66	19	318	5
IRAQ	512	19	31	0	50	8	3	24	0	6	33	6
ISRAEL	1465	54	36	0	90	6	28	83	54	19	184	13
JORDAN	3312	83	48	1	132	4	10	160	9	17	196	6
KUWAIT	2068	24	19	0	43	2	3	89	4	24	120	6
LEBANON	3658	66	72	9	147	4	7	125	14	5	151	4
OMAN	486	25	7	1	33	7	1	39	2	3	45	10
QATAR	404	4	5	0	9	2	0	24	3	5	32	8
SAUDI ARABIA	3620	70	36	3	109	3	11	281	11	133	436	12
SYRIA	1114	25	26	2	53	5	1	20	3	0	24	2
TURKEY	1645	86	22	2	110	7	4	170	24	2	200	13
UNITED ARAB EMIRATES	971	11	10	1	22	2	0	40	0	8	48	5
YEMEN ARAB REPUBLIC	336	11	6	0	17	5	1	23	0	1	25	8
YEMEN, PEOPLE'S DEM. REP.	44	0	0	0	0	0	0	6	0	0	6	15
MIDDLE EAST	27478	904	767	36	1707	7	80	1377	202	249	1908	7
ASIA	138962	8186	4536	178	12900	10	385	7874	969	1121	10349	8
ALBANIA	1	0	0	0	0	0	0	0	0	0	0	0
BULGARIA	32	2	2	0	4	13	0	0	0	1	1	3
CZECHOSLOVAKIA	38	3	0	0	3	8	0	1	1	0	2	5
GERMAN DEMOCRATIC REP.	47	3	1	0	4	9	0	1	0	0	1	2
HUNGARY	131	6	2	1	9	7	1	9	1	0	11	9
POLAND	465	43	18	0	61	14	1	25	6	3	35	8
ROMANIA	55	3	2	0	5	9	0	2	0	0	2	4
U. S. S. R.	50	7	1	0	8	17	0	1	0	0	1	2
YUGOSLAVIA	393	39	11	1	51	13	0	24	4	3	31	8
EASTERN EUROPE	1212	136	37	2	145	12	2	63	12	7	84	7
ANDORRA	1	0	0	0	0	0	0	0	0	0	0	0
AUSTRIA	295	10	4	0	14	5	4	24	4	2	34	12
BELGIUM	540	21	16	1	38	7	1	55	6	2	64	12
DENMARK	406	7	11	1	19	5	3	31	6	3	43	11

LOCATION		FIELD OF STUDY: PHYSICAL & LIFE SCIENCES					FIELD OF STUDY: SOCIAL SCIENCE					
		PHYS SCI	LIFE SCI	TECHNOL	TOTAL	% FS	AREA STU	SOC SCI	PSYCH	PUBL AFF	TOTAL	% FOS
		NUM	NUM	NUM	NUM		NUM	NUM	NUM	NUM	NUM	
FINLAND	411	18	12	1	31	8	2	35	4	2	43	11
FRANCE	2578	148	45	3	196	8	7	154	10	18	189	8
GERMANY, FED. REP. OF	3502	265	152	4	421	13	40	312	61	51	464	14
GIBRALTAR	6	0	0	0	0	0	0	0	0	0	0	0
GREECE	2348	214	79	7	300	13	0	178	35	14	227	10
VATICAN CITY	17	0	1	0	1	7	0	0	0	0	0	0
ICELAND	406	16	9	0	25	6	0	34	12	1	47	12
IRELAND	574	25	27	2	54	8	2	63	12	10	87	14
ITALY	1165	87	27	2	116	10	7	138	12	2	159	14
LIECHTENSTEIN	5	0	0	0	0	0	0	0	0	0	0	0
LUXEMBOURG	15	0	0	0	0	0	0	0	0	0	0	0
MALTA	54	2	0	0	2	4	0	1	1	0	2	4
MONACO	4	0	0	0	0	0	0	1	0	0	1	25
NETHERLANDS	1033	44	49	0	93	9	6	103	20	7	135	14
NORWAY	1230	15	10	4	29	2	1	59	2	4	65	6
PORTUGAL	381	20	16	1	37	10	0	34	4	1	39	10
SAN MARINO	2	0	0	0	0	0	0	1	0	0	1	50
SPAIN	1460	50	43	0	93	7	10	158	13	10	191	14
SWEDEN	997	31	27	3	61	6	4	82	11	5	102	11
SWITZERLAND	516	21	17	0	38	7	3	33	4	2	42	7
UNITED KINGDOM	4188	198	141	4	343	9	52	446	68	56	622	16
ENGLAND	1	0	0	0	0	0	0	0	0	0	0	0
ISLE OF MAN	1	0	0	0	0	0	0	0	0	0	0	0
WALES	2	0	0	0	0	0	0	0	0	0	0	0
WESTERN EUROPE	22338	1192	586	33	1911	9	142	1942	285	190	2559	12
EUROPE	23550	1298	723	35	2056	9	144	2005	297	197	2643	12
CARIBBEAN, UNSPECIFIED	97	6	3	0	9	10	0	4	2	2	8	9
BAHAMAS	1063	23	54	0	77	8	0	23	15	16	54	5
BARBADOS	251	3	14	1	18	8	0	8	5	1	14	6
CAYMAN ISLANDS	33	0	0	0	0	0	0	0	0	0	0	0
CUBA	1050	0	3	0	3	0	0	4	1	0	5	0
DOMINICAN REPUBLIC	477	12	13	0	25	5	2	27	3	9	41	9
GUADELOUPE	7	0	1	0	1	14	0	0	0	0	0	0
HAITI	1088	12	9	2	23	2	0	13	10	3	26	2
JAMAICA	1376	29	54	2	85	7	3	58	35	16	112	9
LEEWARD ISLANDS	5	0	0	0	0	0	0	0	0	0	0	0
ANTIGUA	109	2	4	1	7	7	0	2	2	1	5	5
BRITISH VIRGIN ISLANDS	38	3	0	0	3	8	0	2	0	2	4	11
MONTSERRAT	8	0	0	0	0	0	0	0	0	0	0	0
ST. KITTS-NEVIS	47	0	1	0	1	2	0	4	1	2	7	15
ANGUILLA	9	1	2	0	3	33	0	0	0	0	0	0
MARTINIQUE	4	0	0	0	0	0	0	0	0	0	0	0
NETHERLANDS ANTILLES	414	8	22	0	30	8	1	12	10	9	32	8
TRINIDAD & TOBAGO	1375	40	55	0	95	7	0	57	40	5	102	8
TURKS & CAICOS ISLANDS	10	0	0	0	0	0	0	0	0	0	0	0

LOCATION		FIELD OF STUDY: PHYSICAL & LIFE SCIENCES					SOCIAL SCIENCE					
		PHYS SCI	LIFE SCI	TECHNOL	TOTAL		AREA STU	SOC SCI	PSYCH	PUBL AFF	TOTAL	
		NUM	NUM	NUM	NUM	% FS	NUM	NUM	NUM	NUM	NUM	% FOS
WINDWARD ISLANDS	31	0	0	0	0	0	0	0	0	0	0	0
DOMINICA	56	2	2	0	4	7	0	1	1	0	2	4
GRENADA	111	8	3	0	11	11	0	6	2	0	8	8
ST. LUCIA	52	1	3	0	4	8	0	4	2	1	7	14
ST. VINCENT	31	0	2	0	2	7	0	1	1	3	5	17
CARIBBEAN	7742	150	245	6	401	5	6	226	130	70	432	6
BELIZE	337	17	15	0	32	10	0	21	3	3	27	8
COSTA RICA	634	22	22	0	44	7	2	64	8	9	83	14
EL SALVADOR	757	13	11	1	25	3	0	51	12	0	63	9
GUATEMALA	521	30	17	0	47	9	1	22	2	2	27	5
HONDURAS	838	8	12	3	23	3	0	42	3	5	50	6
MEXICO	3535	126	125	2	253	7	12	216	57	23	308	9
NICARAGUA	1691	5	12	0	17	1	0	17	8	2	27	2
PANAMA	1349	19	38	4	61	5	0	62	11	2	75	6
CENTRAL AMERICA	9662	240	252	10	502	5	15	495	104	46	660	7
SOUTH AMERICA, UNSPECIFIED	2	0	0	0	0	0	0	0	0	0	0	0
ARGENTINA	997	54	55	4	113	12	5	109	8	7	129	13
BOLIVIA	682	17	8	1	26	4	5	47	5	7	64	10
BRAZIL	1840	63	88	6	157	9	4	132	30	10	176	10
CHILE	700	48	44	1	93	14	3	76	18	3	100	15
COLOMBIA	2299	68	67	3	138	6	6	132	40	9	187	9
ECUADOR	730	10	21	3	34	5	1	31	2	1	35	5
FALKLAND ISLANDS	4	0	0	0	0	0	0	0	0	0	0	0
FRENCH GUIANA	4	0	0	0	0	0	0	0	0	0	0	0
GUYANA	319	14	17	1	32	10	3	24	2	4	33	11
PARAGUAY	120	5	2	0	7	6	0	19	2	2	23	20
PERU	1444	37	39	1	77	6	6	118	16	11	151	11
SURINAME	141	2	7	0	9	7	0	5	4	0	9	7
URUGUAY	153	6	6	0	12	8	3	8	3	1	15	10
VENEZUELA	2368	70	63	6	139	6	1	89	26	8	124	5
SOUTH AMERICA	11803	394	417	26	837	7	37	790	156	63	1046	9
LATIN AMERICA	29207	784	914	42	1740	6	58	1511	390	179	2138	8
BERMUDA	436	2	14	2	18	4	0	21	10	16	47	11
CANADA	10041	327	351	14	692	7	17	544	327	245	1133	12
NORTH AMERICAN REGION	10477	329	365	16	710	7	17	565	337	261	1180	12
NORTH AMERICA	10477	329	365	16	710	7	17	565	337	261	1180	12
AUSTRALIA	353	30	20	0	50	6	2	55	25	23	115	14
NEW ZEALAND	364	18	11	1	30	8	1	20	8	9	38	11
AUSTRALIA + NEW ZEALAND	1217	48	31	1	80	7	3	85	33	32	153	13
SOLOMON ISLANDS	5	0	0	0	0	0	0	0	0	0	0	0
COOK ISLANDS	3	0	0	0	0	0	0	0	0	0	0	0
FIJI	117	4	3	0	7	7	0	9	2	4	15	14
FRENCH POLYNESIA	53	0	0	0	0	0	0	0	0	0	0	0
KIRIBATI	15	0	0	0	0	0	0	0	1	0	1	7

LOCATION		FIELD OF STUDY: PHYSICAL & LIFE SCIENCES					SOCIAL SCIENCE				
		PHYS SCI	LIFE SCI	TECHNOL	TOTAL		AREA STU	SOC SCI	PSYCH	PUBL AFF	TOTAL
		NUM	NUM	NUM	NUM	% FOS	NUM	NUM	NUM	NUM	NUM	% FOS
PAPUA-NEW GUINEA	14	0	1	0	1	8	0	5	0	1	6	46
NIUE	1	0	0	0	0	0	0	0	0	1	1	100
NORFOLK ISLAND	1	0	0	0	0	0	0	0	0	0	0	0
PACIFIC ISLANDS, TRUST TER.	770	4	8	0	12	2	2	33	8	47	90	12
TONGA	122	0	1	0	1	1	0	5	0	3	8	8
TUVALU	1	1	0	0	1	100	0	0	0	0	0	0
WESTERN SAMOA	96	0	1	0	1	1	0	3	1	1	5	5
PACIFIC OCEAN ISLAND AREA	1198	9	14	0	23	2	2	55	12	57	126	11
OCEANIA	2415	57	45	1	103	4	5	140	45	89	279	12
ANTARCTICA	2	0	0	0	0	0	0	0	0	0	0	0
POLAR REGIONS	2	0	0	0	0	0	0	0	0	0	0	0
POLAR REGIONS	2	0	0	0	0	0	0	0	0	0	0	0
STATELESS	103	2	1	0	3	3	1	4	0	1	5	6
STATELESS REGION	103	2	1	0	3	3	1	4	0	1	5	6
STATELESS OR UNKNOWN	103	2	1	0	3	3	1	4	0	1	5	6
******** FINAL TOTALS ****	225999	11356	7293	297	18946	9	648	13648	2187	2262	18745	9

LOCATION		FIELD OF STUDY: OTHER FIELDS OF STUDY									
		COMMUNIC	HOME EC	LAW	LIB/GEN	LIBRARY	MILITARY	MULTDISC	PERS SOC	TOTAL	
		NUM	NUM	NUM	NUM	NUM	NUM	NUM	NUM	NUM	% OTH
UNKNOWN AREA OF WORLD	3285	17	36	8	17	2	0	17	4	101	4
UNKNOWN AREA OF WORLD	3285	17	36	8	17	2	0	17	4	101	4
UNKNOWN AREA OF WORLD	3285	17	36	8	17	2	0	17	4	101	4
EASTERN AFRICA, UNSPECIFIED	4	0	0	0	0	0	0	0	0	0	0
DJIBOUTI	16	0	0	0	1	0	0	0	0	1	6
BRITISH INDIAN OCEAN TERR.	1	0	0	0	0	0	0	0	0	0	0
BURUNDI	28	0	0	0	0	0	0	0	0	0	0
COMOROS	13	0	0	0	0	0	0	0	0	0	0
ETHIOPIA	1132	6	4	5	66	1	1	25	4	112	10
KENYA	1194	14	19	8	64	1	0	5	1	112	10
MADAGASCAR	47	1	0	1	2	0	0	0	0	4	9
MALAWI	124	0	3	0	5	0	0	0	0	8	7
MAURITIUS	64	1	1	0	5	0	0	0	0	7	12
MOZAMBIQUE	15	0	0	0	0	0	0	0	0	0	0
ZIMBABWE	321	11	4	3	13	4	0	7	0	42	13
RWANDA	46	1	0	0	0	0	0	0	0	1	2
SEYCHELLES	16	0	0	0	2	0	0	0	0	2	13
SOMALIA	305	4	1	0	22	0	0	6	2	35	12
TANZANIA	335	11	2	4	10	2	0	3	0	32	10
UGANDA	290	7	3	4	18	0	0	3	0	35	12
ZAMBIA	245	1	3	2	8	3	0	3	0	20	8
EASTERN AFRICA	4196	57	40	27	216	11	1	52	7	411	10
CENTRAL AFRICA, UNSPECIFIED	2	0	0	0	0	0	0	0	0	0	0
ANGOLA	9	0	0	0	2	0	0	0	0	2	22
CAMEROON	321	24	11	8	37	0	0	14	1	95	12
CENTRAL AFRICAN REPUBLIC	18	0	0	0	0	0	0	0	0	0	0
CHAD	11	0	0	0	0	0	0	0	0	0	0
CONGO	15	0	1	0	2	0	0	1	0	4	31
EQUATORIAL GUINEA	15	0	0	0	1	0	0	0	0	1	7
GABON	34	0	0	0	4	0	1	0	0	5	15
SAO TOME & PRINCIPE	10	0	0	0	1	0	0	0	0	1	10
ZAIRE	181	1	0	1	11	0	0	3	1	17	10
CENTRAL AFRICA	1116	25	12	9	58	0	1	18	2	125	12
ALGERIA	436	2	1	2	5	0	2	2	0	14	3
CANARY ISLANDS	10	0	0	0	0	0	0	0	0	0	0
EGYPT	1341	18	4	2	13	0	1	14	3	55	4
LIBYA	264	0	0	1	5	0	0	0	0	6	2
MOROCCO	563	7	1	0	22	2	0	4	0	36	7
WESTERN SAHARA	1	0	0	0	0	0	0	0	0	0	0
SUDAN	343	5	2	2	14	1	0	3	0	27	8
TUNISIA	495	3	0	0	4	1	0	0	0	8	2
NORTH AFRICA	3453	35	8	7	63	4	3	23	3	146	4
SOUTHERN AFRICA, UNSPECIFIE	35	2	0	0	3	1	0	0	0	6	17
BOTSWANA	176	1	1	0	3	2	0	0	1	8	5
LESOTHO	62	1	0	0	1	0	0	0	0	2	3

FIELD OF STUDY

LOCATION		OTHER FIELDS OF STUDY									
		COMMUNIC	HOME EC	LAW	LIB/GEN	LIBRARY	MILITARY	MULTDISC	PERS SOC	TOTAL	
		NUM	NUM	NUM	NUM	NUM	NUM	NUM	NUM	NUM	% OTH
NAMIBIA	97	5	0	2	8	0	0	1	0	16	17
SOUTH AFRICA	1257	26	10	17	68	6	1	12	4	144	12
SWAZILAND	124	1	1	1	2	0	0	0	0	5	4
SOUTHERN AFRICA	1751	36	12	20	85	9	1	13	5	181	11
WEST AFRICA, UNSPECIFIED	19	0	1	0	2	0	0	0	0	3	17
CAPE VERDE	35	0	0	0	2	0	0	0	0	2	6
BENIN	24	0	0	0	0	0	0	0	0	0	0
GAMBIA	113	1	1	0	8	0	0	1	0	11	10
GHANA	712	11	8	5	23	0	1	6	0	54	8
GUINEA	62	0	1	0	1	0	0	0	0	2	3
GUINEA-BISSAU	37	0	0	0	0	1	0	0	0	1	3
IVORY COAST	174	1	1	1	6	0	0	2	0	11	7
LIBERIA	453	13	5	5	26	1	0	5	3	58	13
MALI	85	2	0	0	0	0	0	0	0	2	2
MAURITANIA	51	0	0	1	0	0	0	0	0	1	2
NIGER	50	0	0	0	0	0	0	0	1	1	2
NIGERIA	5196	147	57	49	130	5	0	23	5	426	9
SENEGAL	102	0	0	0	6	0	0	1	0	7	7
SIERRA LEONE	273	2	2	1	11	0	0	5	0	22	8
TOGO	45	0	0	1	1	0	0	1	0	3	7
BURKINA FASO	36	1	0	0	0	0	0	0	0	1	3
WEST AFRICA	7467	178	86	63	216	7	1	45	9	605	8
AFRICA, UNSPECIFIED	15	0	0	0	1	0	0	0	1	2	13
AFRICA REGION UNSPECIFIED	15	0	0	0	1	0	0	0	1	2	13
AFRICA	17998	331	158	126	639	31	7	151	27	1470	8
CHINA	15281	111	51	94	155	50	2	129	23	625	4
TAIWAN	16027	240	152	65	139	105	4	96	15	816	5
HONG KONG	5830	69	41	15	152	12	0	24	2	315	6
JAPAN	11444	237	51	92	827	10	1	85	39	1342	12
KOREA, DEMOCRATIC PEOPLES RE	278	0	4	1	12	0	0	1	0	18	7
KOREA, REPUBLIC OF	12634	170	142	60	148	33	2	66	13	634	5
MACAO	59	0	4	0	3	0	0	1	0	8	14
MONGOLIA	10	0	0	0	0	0	0	0	1	1	10
EAST ASIA	61563	827	455	327	1436	210	9	402	93	3759	6
AFGHANISTAN	67	1	0	1	7	1	0	1	2	13	19
BANGLADESH	1389	4	6	3	46	1	0	7	0	67	5
BHUTAN	14	0	0	0	0	0	0	1	0	1	7
INDIA	13325	181	76	36	217	9	0	82	17	618	5
MALDIVES	7	0	0	0	0	0	0	0	0	0	0
NEPAL	339	3	1	0	17	0	0	2	0	23	7
PAKISTAN	4250	21	11	7	186	1	3	12	1	242	6
SRI LANKA	1295	6	4	6	32	0	0	9	4	61	5
SOUTH CENTRAL ASIA	20386	216	98	53	505	12	3	114	24	1025	5
SOUTH-EAST ASIA, UNSPECIFIE	2	0	0	0	1	0	0	0	0	1	50

LOCATION		FIELD OF STUDY: OTHER FIELDS OF STUDY									
		COMMUNIC	HOME EC	LAW	LIB/GEN	LIBRARY	MILITARY	MULTDISC	PERS SOC	TOTAL	
		NUM	NUM	NUM	NUM	NUM	NUM	NUM	NUM	NUM	% OTH
BRUNEI	22	1	0	0	0	0	0	0	0	1	5
BURMA	138	3	1	1	2	0	0	0	0	7	5
INDONESIA	5474	51	44	13	103	3	0	16	4	234	4
CAMBODIA	126	0	0	0	17	0	0	0	5	22	20
LAOS	191	3	0	0	29	0	0	0	2	34	18
MALAYSIA	12839	143	48	8	151	17	1	22	10	395	3
PHILIPPINES	2584	41	16	13	71	4	0	25	10	180	7
PORTUGUESE TIMOR	8	0	0	0	0	1	0	0	0	1	14
SINGAPORE	2850	83	10	4	54	2	0	7	2	162	6
THAILAND	4007	45	24	30	79	7	2	21	6	214	6
VIETNAM	1194	5	6	0	87	0	0	25	57	180	19
SOUTH-EAST ASIA	29535	375	149	64	594	34	3	116	96	1431	5
BAHRAIN	266	3	1	1	8	1	0	0	0	14	5
CYPRUS	1137	11	6	0	25	0	0	4	5	51	5
IRAN	6340	33	45	13	323	4	10	65	25	518	9
IRAQ	612	5	2	0	13	0	4	3	1	28	5
ISRAEL	1465	16	10	6	70	0	1	7	12	122	9
JORDAN	3312	20	4	6	79	3	18	18	5	153	5
KUWAIT	2068	55	4	3	38	11	17	8	0	136	7
LEBANON	3658	44	6	20	117	3	1	11	2	204	6
OMAN	486	2	0	0	11	0	0	1	0	14	3
QATAR	404	2	0	0	10	0	0	2	0	14	4
SAUDI ARABIA	3620	46	10	7	86	18	5	12	1	185	5
SYRIA	1114	6	2	2	28	1	0	4	1	44	4
TURKEY	1645	9	11	3	34	1	1	5	4	68	4
UNITED ARAB EMIRATES	971	3	0	0	16	1	0	3	1	24	3
YEMEN ARAB REPUBLIC	336	0	0	2	13	0	0	2	0	17	5
YEMEN, PEOPLE'S DEM. REP.	44	0	0	0	1	0	0	1	0	2	5
MIDDLE EAST	27478	255	131	63	872	43	57	146	57	1594	6
ASIA	138962	1673	833	507	3407	299	72	778	270	7809	6
ALBANIA	1	0	0	0	0	0	0	0	0	0	0
BULGARIA	32	0	0	0	5	0	0	1	0	6	20
CZECHOSLOVAKIA	38	0	1	1	8	0	0	0	1	11	29
GERMAN DEMOCRATIC REP.	47	0	0	0	13	0	0	0	0	13	29
HUNGARY	131	2	0	1	2	0	0	2	0	7	5
POLAND	465	4	1	0	22	0	0	2	3	32	7
ROMANIA	55	0	0	0	3	0	0	0	0	3	6
U. S. S. R.	50	0	0	0	4	0	1	1	0	6	13
YUGOSLAVIA	393	3	1	3	16	2	0	9	1	35	9
EASTERN EUROPE	1212	9	3	5	73	2	1	15	5	113	10
ANDORRA	1	0	0	0	0	0	0	0	0	0	0
AUSTRIA	295	11	2	6	26	0	0	4	2	51	18
BELGIUM	540	12	3	20	20	0	0	4	1	60	11
DENMARK	406	7	1	4	16	3	0	2	2	35	9

LOCATION		FIELD OF STUDY: OTHER FIELDS OF STUDY								
		COMMUNIC	HOME EC	LAW	LIB/GEN	LIBRARY	MILITARY	MULTDISC	PERS SOC	TOTAL
		NUM	NUM	NUM	NUM	NUM	NUM	NUM	NUM	NUM X OTH
FINLAND	411	13	2	2	10	0	0	5	2	34 9
FRANCE	2578	63	9	33	143	1	0	16	2	267 11
GERMANY, FED. REP. OF	3502	52	12	50	202	1	1	29	5	352 11
GIBRALTAR	6	0	0	0	0	0	0	0	0	0 0
GREECE	2348	22	4	9	87	2	2	11	3	140 6
VATICAN CITY	17	0	0	0	1	0	0	0	0	1 7
ICELAND	406	25	4	0	5	0	2	2	2	40 10
IRELAND	574	17	4	10	48	1	0	4	2	86 14
ITALY	1165	30	6	11	63	1	1	6	3	121 11
LIECHTENSTEIN	5	0	0	0	0	0	0	0	1	1 20
LUXEMBOURG	15	0	0	1	0	0	0	0	0	1 7
MALTA	54	1	0	0	0	0	0	0	0	1 2
MONACO	4	0	0	0	0	0	0	0	0	0 0
NETHERLANDS	1033	28	6	13	70	1	0	8	5	131 13
NORWAY	1230	50	6	2	37	0	2	1	0	108 9
PORTUGAL	381	5	1	4	19	0	0	5	1	35 9
SAN MARINO	2	0	0	0	0	0	0	0	0	0 0
SPAIN	1460	25	2	11	70	1	1	9	2	121 9
SWEDEN	997	27	5	5	89	0	2	4	2	134 14
SWITZERLAND	616	8	2	14	41	0	0	7	3	75 13
UNITED KINGDOM	4188	104	22	38	241	7	2	50	26	490 12
ENGLAND	1	0	0	0	0	0	0	0	0	0 0
ISLE OF MAN	1	0	0	0	0	0	0	0	0	0 0
WALES	2	0	0	0	0	0	0	0	0	0 0
WESTERN EUROPE	22338	510	91	233	1188	18	13	167	64	2284 11
EUROPE	23550	519	94	238	1261	20	14	182	69	2397 11
CARIBBEAN, UNSPECIFIED	97	0	0	0	5	0	0	3	1	9 10
BAHAMAS	1063	14	8	2	87	0	0	4	2	117 12
BARBADOS	251	6	0	3	14	1	0	0	1	25 11
CAYMAN ISLANDS	33	0	0	0	1	0	0	1	0	2 7
CUBA	1050	0	5	9	490	0	0	0	0	504 48
DOMINICAN REPUBLIC	477	4	2	1	26	2	0	3	2	40 9
GUADELOUPE	7	0	0	0	0	0	0	0	0	0 0
HAITI	1088	5	14	3	324	0	0	4	0	350 33
JAMAICA	1376	33	24	12	137	1	0	10	7	224 17
LEEWARD ISLANDS	5	0	0	0	0	0	0	0	0	0 0
ANTIGUA	109	3	0	0	7	0	0	0	0	10 10
BRITISH VIRGIN ISLANDS	38	1	0	0	2	0	0	0	0	3 8
MONTSERRAT	8	0	0	1	0	0	0	0	0	1 13
ST. KITTS-NEVIS	47	0	1	0	1	0	0	1	0	3 7
ANGUILLA	9	0	1	0	0	0	0	0	0	1 11
MARTINIQUE	4	0	0	0	0	0	0	0	0	0 0
NETHERLANDS ANTILLES	414	17	5	2	19	1	0	0	3	47 12
TRINIDAD & TOBAGO	1375	30	24	12	100	1	0	9	3	179 14
TURKS & CAICOS ISLANDS	10	0	1	0	0	0	0	0	0	1 10

FIELD OF STUDY

OTHER FIELDS OF STUDY

LOCATION		COMMUNIC	HOME EC	LAW	LIB/GEN	LIBRARY	MILITARY	MULTDISC	PERS SOC	TOTAL	
		NUM	NUM	NUM	NUM	NUM	NUM	NUM	NUM	NUM	% OTH
WINDWARD ISLANDS	31	0	2	0	16	0	0	0	0	18	58
DOMINICA	56	2	0	1	6	0	0	0	0	9	17
GRENADA	111	0	0	0	9	0	0	1	0	10	10
ST. LUCIA	52	0	1	0	2	0	0	0	0	3	6
ST. VINCENT	31	0	0	0	3	0	0	0	0	3	10
CARIBBEAN	7742	115	88	46	1249	6	0	36	19	1559	21
BELIZE	337	9	2	1	15	0	0	1	1	29	9
COSTA RICA	634	15	22	6	32	1	1	3	3	83	14
EL SALVADOR	757	18	2	4	88	0	0	6	1	119	16
GUATEMALA	521	24	3	4	48	0	2	1	0	82	16
HONDURAS	838	20	8	0	79	0	0	11	1	119	15
MEXICO	3535	49	17	14	117	0	6	16	13	232	7
NICARAGUA	1691	6	9	4	775	1	0	4	5	804	48
PANAMA	1349	34	8	23	116	0	1	3	4	189	15
CENTRAL AMERICA	9602	175	71	56	1270	2	10	45	28	1657	18
SOUTH AMERICA, UNSPECIFIED	2	0	0	0	0	0	0	0	0	0	0
ARGENTINA	997	9	6	10	60	1	1	10	1	98	10
BOLIVIA	682	10	6	3	68	1	0	4	2	94	14
BRAZIL	1640	49	12	15	121	5	1	14	6	223	13
CHILE	700	11	2	2	51	1	1	5	1	74	11
COLOMBIA	2299	52	22	14	264	0	1	14	8	375	17
ECUADOR	730	18	14	4	74	0	2	4	1	117	16
FALKLAND ISLANDS	4	0	0	0	0	0	0	0	0	0	0
FRENCH GUIANA	4	0	0	0	0	0	0	0	0	0	0
GUYANA	319	4	2	4	17	0	0	0	0	27	9
PARAGUAY	120	2	1	3	6	0	0	3	0	15	13
PERU	1444	29	5	6	156	2	2	7	3	210	15
SURINAME	141	0	0	0	17	0	0	0	1	18	13
URUGUAY	153	2	1	2	12	0	1	1	0	19	13
VENEZUELA	2368	40	13	13	226	0	1	10	2	305	13
SOUTH AMERICA	11803	226	84	76	1072	10	10	72	25	1575	14
LATIN AMERICA	29207	516	243	178	3591	18	20	153	72	4791	17
BERMUDA	436	3	10	0	14	0	0	1	1	29	7
CANADA	10041	192	92	105	522	13	1	71	53	1149	12
NORTH AMERICAN REGION	10477	195	102	105	636	13	1	72	54	1178	12
NORTH AMERICA	10477	195	102	105	636	13	1	72	54	1178	12
AUSTRALIA	853	18	4	7	43	1	0	8	6	87	11
NEW ZEALAND	364	4	7	5	9	0	0	5	2	32	9
AUSTRALIA + NEW ZEALAND	1217	22	11	12	52	1	0	13	8	119	10
SOLOMON ISLANDS	5	0	0	0	0	0	0	0	0	0	0
COOK ISLANDS	3	0	0	0	1	0	0	0	0	1	33
FIJI	117	1	2	0	3	0	0	2	0	8	8
FRENCH POLYNESIA	53	0	0	0	4	0	0	0	0	4	8
KIRIBATI	15	0	0	0	0	0	0	0	0	0	0

LOCATION		FIELD OF STUDY: OTHER FIELDS OF STUDY									
		COMMUNIC	HOME EC	LAW	LIB/GEN	LIBRARY	MILITARY	MULTDISC	PERS SOC	TOTAL	
		NUM	NUM	NUM	NUM	NUM	NUM	NUM	NUM	NUM	% OTH
PAPUA-NEW GUINEA	14	0	0	0	0	0	0	0	0	0	0
NIUE	1	0	0	0	0	0	0	0	0	0	0
NORFOLK ISLAND	1	0	0	0	0	0	0	0	0	0	0
PACIFIC ISLANDS, TRUST TER.	770	3	2	2	49	0	0	5	0	61	8
TONGA	122	0	0	0	4	0	0	6	0	10	11
TUVALU	1	0	0	0	0	0	0	0	0	0	0
WESTERN SAMOA	96	0	1	0	3	0	1	0	0	5	5
PACIFIC OCEAN ISLAND AREA	1198	4	5	2	64	0	1	13	0	89	8
OCEANIA	2415	26	16	14	116	1	1	26	8	208	9
ANTARCTICA	2	0	0	0	0	0	0	0	0	0	0
POLAR REGIONS	2	0	0	0	0	0	0	0	0	0	0
POLAR REGIONS	2	0	0	0	0	0	0	0	0	0	0
STATELESS	103	0	0	0	11	0	0	0	0	11	11
STATELESS REGION	103	0	0	0	11	0	0	0	0	11	11
STATELESS OR UNKNOWN	103	0	0	0	11	0	0	0	0	11	11
******** FINAL TOTALS ****	225999	3277	1452	1176	9678	384	115	1379	504	17965	8

110

LOCATION		FIELD OF STUDY: INTENSIVE ENGLISH NUM	INTENSIVE ENGLISH % FOS	NOT DECLARED NUM	NOT DECLARED % FOS	GRAND TOTAL NUM	GRAND TOTAL % FOS
UNKNOWN AREA OF WORLD	3285	580	21	304	11	2810	86
UNKNOWN AREA OF WORLD	3285	580	21	304	11	2810	86
UNKNOWN AREA OF WORLD	3285	580	21	304	11	2810	86
EASTERN AFRICA, UNSPECIFIED	4	0	0	0	0	4	100
DJIBOUTI	16	2	13	1	6	16	100
BRITISH INDIAN OCEAN TERR.	1	0	0	0	0	1	100
BURUNDI	28	2	8	1	4	26	93
COMOROS	13	0	0	0	0	13	100
ETHIOPIA	1132	16	1	77	7	1086	96
KENYA	1194	1	0	59	5	1160	97
MADAGASCAR	47	0	0	0	0	46	98
MALAWI	124	0	0	4	3	123	99
MAURITIUS	64	0	0	3	5	59	92
MOZAMBIQUE	15	0	0	1	7	14	93
ZIMBABWE	321	1	0	15	5	317	99
RWANDA	46	0	0	0	0	44	96
SEYCHELLES	16	0	0	1	6	16	100
SOMALIA	305	13	4	8	3	293	96
TANZANIA	335	0	0	24	7	329	98
UGANDA	290	0	0	18	6	287	99
ZAMBIA	245	0	0	8	3	239	98
EASTERN AFRICA	4196	35	1	220	5	4073	97
CENTRAL AFRICA, UNSPECIFIED	2	0	0	0	0	1	50
ANGOLA	9	0	0	0	0	9	100
CAMEROON	821	9	1	18	2	798	97
CENTRAL AFRICAN REPUBLIC	18	2	11	2	11	18	100
CHAD	11	0	0	0	0	8	73
CONGO	15	0	0	0	0	13	87
EQUATORIAL GUINEA	15	0	0	2	14	14	93
GABON	34	2	6	5	15	34	100
SAO TOME & PRINCIPE	10	3	30	0	0	10	100
ZAIRE	181	8	5	5	3	175	97
CENTRAL AFRICA	1116	24	2	32	3	1080	97
ALGERIA	436	3	1	8	2	424	97
CANARY ISLANDS	10	0	0	0	0	10	100
EGYPT	1341	14	1	26	2	1318	98
LIBYA	264	1	0	13	5	254	96
MOROCCO	563	19	4	22	4	534	95
WESTERN SAHARA	1	0	0	0	0	1	100
SUDAN	343	7	2	11	3	332	97
TUNISIA	495	1	0	7	1	485	98
NORTH AFRICA	3453	45	1	87	3	3358	97
SOUTHERN AFRICA, UNSPECIFIE	35	0	0	2	6	35	100
BOTSWANA	176	1	1	4	2	169	96
LESOTHO	62	3	5	1	2	60	97

C.2 GENDER

LOCATION	MALE NUM	MALE % M+F	FEMALE NUM	FEMALE % M+F	TOTAL NUM	TOTAL % ST3
UNKNOWN AREA OF WORLD	1223	61	769	39	1992	61
UNKNOWN AREA OF WORLD	1223	61	769	39	1992	61
UNKNOWN AREA OF WORLD	1223	61	769	39	1992	61
EASTERN AFRICA, UNSPECIFIED	4	100	0	0	4	100
DJIBOUTI	15	100	0	0	15	94
BRITISH INDIAN OCEAN TERR.	1	100	0	0	1	100
BURUNDI	22	81	5	19	27	96
COMOROS	8	62	5	38	13	100
ETHIOPIA	617	59	423	41	1040	92
KENYA	758	67	369	33	1127	94
MADAGASCAR	29	67	14	33	43	91
MALAWI	86	75	29	25	115	93
MAURITIUS	44	73	16	27	60	94
MOZAMBIQUE	8	53	7	47	15	100
ZIMBABWE	185	60	122	40	307	96
RWANDA	33	79	9	21	42	91
SEYCHELLES	10	63	6	38	16	100
SOMALIA	213	75	72	25	285	93
TANZANIA	229	72	89	28	318	95
UGANDA	173	63	103	37	276	95
ZAMBIA	168	73	61	27	229	93
EASTERN AFRICA	2603	66	1330	34	3933	94
CENTRAL AFRICA, UNSPECIFIED	2	100	0	0	2	100
ANGOLA	6	86	1	14	7	78
CAMEROON	511	66	263	34	774	94
CENTRAL AFRICAN REPUBLIC	12	71	5	29	17	94
CHAD	10	91	1	9	11	100
CONGO	10	67	5	33	15	100
EQUATORIAL GUINEA	14	93	1	7	15	100
GABON	22	69	10	31	32	94
SAO TOME & PRINCIPE	3	30	7	70	10	100
ZAIRE	143	82	32	18	175	97
CENTRAL AFRICA	733	69	325	31	1058	95
ALGERIA	361	87	54	13	415	95
CANARY ISLANDS	1	10	9	90	10	100
EGYPT	1040	83	220	17	1260	94
LIBYA	230	94	14	6	244	92
MOROCCO	424	81	97	19	521	93
WESTERN SAHARA	1	100	0	0	1	100
SUDAN	282	87	42	13	324	94
TUNISIA	416	86	68	14	484	98
NORTH AFRICA	2755	85	504	15	3259	94
SOUTHERN AFRICA, UNSPECIFIE	13	65	7	35	20	57
BOTSWANA	120	70	51	30	171	97
LESOTHO	39	63	23	37	62	100

LOCATION		FIELD OF STUDY: INTENSIVE ENGLISH NUM	INTENSIVE ENGLISH % FOS	FIELD OF STUDY: NOT DECLARED NUM	NOT DECLARED % FOS	FIELD OF STUDY: GRAND TOTAL NUM	GRAND TOTAL % FOS	GENDER: MALE NUM	MALE % M+F	GENDER: FEMALE NUM	FEMALE % M+F	GENDER: TOTAL NUM	TOTAL % ST3
NAMIBIA	97	0	0	10	10	96	99	66	69	30	31	96	99
SOUTH AFRICA	1257	0	0	68	6	1213	96	774	67	384	33	1158	92
SWAZILAND	124	0	0	4	3	120	97	74	62	46	38	120	97
SOUTHERN AFRICA	1751	4	0	89	5	1693	97	1086	67	541	33	1627	93
WEST AFRICA, UNSPECIFIED	19	0	0	0	0	18	95	14	78	4	22	18	95
CAPE VERDE	35	1	3	2	6	35	100	19	58	14	42	33	94
BENIN	24	0	0	1	4	23	96	17	71	7	29	24	100
GAMBIA	113	0	0	7	6	110	97	77	69	34	31	111	98
GHANA	712	1	0	33	5	691	97	560	82	125	18	685	96
GUINEA	62	1	2	5	8	60	97	47	77	14	23	61	98
GUINEA-BISSAU	37	3	8	4	11	37	100	28	78	8	22	36	97
IVORY COAST	174	3	2	4	2	167	96	122	78	35	22	157	90
LIBERIA	453	0	0	10	2	442	98	291	67	144	33	435	96
MALI	85	2	2	1	1	81	95	69	85	12	15	81	95
MAURITANIA	51	2	4	1	2	46	90	44	88	6	12	50	98
NIGER	50	1	2	0	0	50	100	47	94	3	6	50	100
NIGERIA	5196	3	0	143	3	4978	96	3760	77	1142	23	4902	94
SENEGAL	102	2	2	2	2	99	97	70	71	28	29	98	96
SIERRA LEONE	273	0	0	13	5	266	97	160	66	82	34	242	89
TOGO	45	0	0	4	9	43	96	34	76	11	24	45	100
BURKINA FASO	36	0	0	0	0	36	100	27	79	7	21	34	94
WEST AFRICA	7467	19	0	230	3	7182	96	5386	76	1676	24	7062	95
AFRICA, UNSPECIFIED	15	0	0	2	13	15	100	9	60	6	40	15	100
AFRICA REGION UNSPECIFIED	15	0	0	2	13	15	100	9	60	6	40	15	100
AFRICA	17998	127	1	660	4	17401	97	12572	74	4382	26	16954	94
CHINA	15281	267	2	294	2	14868	97	9653	70	4214	30	13867	91
TAIWAN	16027	293	2	345	2	15446	96	9015	64	5083	36	14098	88
HONG KONG	5330	72	1	261	5	5645	97	3362	63	1981	37	5343	92
JAPAN	11444	1903	17	914	8	11100	97	5076	50	5087	50	10163	89
KOREA, DEMOCRATIC PEOPLES RE	278	8	3	41	15	276	99	200	74	69	26	269	97
KOREA, REPUBLIC OF	12634	179	1	310	3	12237	97	9164	80	2235	20	11399	90
MACAO	59	0	0	1	2	59	100	22	39	34	61	56	95
MONGOLIA	10	0	0	1	10	10	100	7	70	3	30	10	100
EAST ASIA	61563	2722	5	2167	4	59641	97	36499	66	18706	34	55205	90
AFGHANISTAN	67	1	1	7	10	67	100	42	67	21	33	63	94
BANGLADESH	1389	38	3	45	3	1332	96	1107	87	166	13	1273	92
BHUTAN	14	0	0	0	0	14	100	10	71	4	29	14	100
INDIA	13025	14	0	303	2	12691	97	9579	79	2523	21	12102	93
MALDIVES	7	0	0	1	14	7	100	7	100	0	0	7	100
NEPAL	339	1	0	22	7	335	99	275	83	55	17	330	97
PAKISTAN	4250	22	1	166	4	4094	96	3573	91	332	9	3905	92
SRI LANKA	1295	0	0	50	4	1257	97	926	76	296	24	1222	94
SOUTH CENTRAL ASIA	20386	76	0	594	3	19797	97	15519	82	3397	18	18916	93
SOUTH-EAST ASIA, UNSPECIFIE	2	0	0	0	0	2	100	2	100	0	0	2	100

LOCATION		FIELD OF STUDY: INTENSIVE ENGLISH		FIELD OF STUDY: NOT DECLARED		FIELD OF STUDY: GRAND TOTAL		GENDER: MALE		GENDER: FEMALE		GENDER: TOTAL	
		NUM	% FOS	NUM	% FOS	NUM	% FOS	NUM	% M+F	NUM	% M+F	NUM	% ST3
BRUNEI	22	0	0	0	0	21	95	15	68	7	32	22	100
BURMA	138	1	1	3	2	134	97	87	70	37	30	124	90
INDONESIA	5474	102	2	215	4	5236	96	3423	72	1353	28	4776	87
CAMBODIA	126	1	1	7	6	111	88	55	61	35	39	90	71
LAOS	191	15	8	17	9	184	96	134	77	39	23	173	91
MALAYSIA	12939	90	1	489	4	12405	97	7608	66	3837	34	11445	89
PHILIPPINES	2684	42	2	123	5	2604	97	1286	53	1156	47	2442	91
PORTUGUESE TIMOR	8	0	0	1	14	7	88	7	88	1	13	8	100
SINGAPORE	2850	15	1	146	5	2713	95	1698	65	914	35	2612	92
THAILAND	4007	149	4	119	3	3815	95	2019	58	1461	42	3480	87
VIETNAM	1194	33	3	70	7	971	81	486	65	263	35	749	63
SOUTH-EAST ASIA	29535	448	2	1190	4	28203	95	16820	65	9103	35	25923	88
BAHRAIN	266	3	1	15	6	259	97	207	81	47	19	254	95
CYPRUS	1137	4	0	29	3	1101	97	831	79	225	21	1056	93
IRAN	6340	80	1	260	4	5979	94	3931	69	1738	31	5669	89
IRAQ	612	3	1	9	2	597	98	476	87	69	13	545	89
ISRAEL	1465	15	1	59	4	1395	95	943	71	390	29	1333	91
JORDAN	3312	91	3	118	4	3153	95	2704	91	256	9	2960	89
KUWAIT	2068	71	4	98	5	1982	96	1748	92	154	8	1902	92
LEBANON	3658	40	1	123	4	3476	95	2794	86	442	14	3236	88
OMAN	486	22	5	32	7	444	91	406	91	38	9	444	91
QATAR	404	12	3	24	6	387	96	352	95	18	5	370	92
SAUDI ARABIA	3620	182	5	138	4	3489	96	3076	92	259	8	3335	92
SYRIA	1114	34	3	25	2	1078	97	933	93	75	7	1008	90
TURKEY	1645	40	3	54	3	1553	94	1147	76	368	24	1515	92
UNITED ARAB EMIRATES	971	82	9	88	9	955	98	832	93	62	7	894	92
YEMEN ARAB REPUBLIC	336	9	3	15	5	328	98	305	96	13	4	318	95
YEMEN, PEOPLE'S DEM. REP.	44	4	10	2	5	41	93	42	95	2	5	44	100
MIDDLE EAST	27478	692	3	1089	4	26217	95	20727	83	4156	17	24883	91
ASIA	138962	3938	3	5040	4	133858	96	89565	72	35362	28	124927	90
ALBANIA	1	0	0	0	0	1	100	1	100	0	0	1	100
BULGARIA	32	0	0	0	0	30	94	22	71	9	29	31	97
CZECHOSLOVAKIA	38	0	0	3	8	38	100	25	69	11	31	36	95
GERMAN DEMOCRATIC REP.	47	0	0	7	16	45	96	25	53	22	47	47	100
HUNGARY	131	8	6	12	9	129	98	66	51	64	49	130	99
POLAND	465	22	5	18	4	450	97	210	52	191	48	401	86
ROMANIA	55	3	6	7	13	54	98	28	55	23	45	51	93
U. S. S. R.	50	1	2	2	4	46	92	30	70	13	30	43	86
YUGOSLAVIA	393	2	1	12	3	383	97	246	65	130	35	376	96
EASTERN EUROPE	1212	36	3	61	5	1176	97	653	59	463	41	1116	92
ANDORRA	1	0	0	0	0	1	100	1	100	0	0	1	100
AUSTRIA	295	3	1	21	7	286	97	163	59	112	41	275	93
BELGIUM	540	6	1	20	4	523	97	356	68	164	32	520	96
DENMARK	406	7	2	45	11	393	97	228	60	150	40	378	93

LOCATION		FIELD OF STUDY: INTENSIVE ENGLISH		FIELD OF STUDY: NOT DECLARED		FIELD OF STUDY: GRAND TOTAL		SEX: MALE		SEX: FEMALE		SEX: TOTAL	
		NUM	% FOS	NUM	% FOS	NUM	% FOS	NUM	% M+F	NUM	% M+F	NUM	% ST3
FINLAND	411	4	1	44	11	399	97	214	55	172	45	386	94
FRANCE	2578	55	2	207	8	2450	95	1290	56	1011	44	2301	89
GERMANY, FED. REP. OF	3502	25	1	331	10	3351	96	1870	58	1347	42	3217	92
GIBRALTAR	6	0	0	1	20	5	83	3	60	2	40	5	83
GREECE	2348	21	1	94	4	2310	98	1750	79	457	21	2207	94
VATICAN CITY	17	0	0	1	7	15	88	13	76	4	24	17	100
ICELAND	406	1	0	8	2	401	99	252	66	131	34	383	94
IRELAND	574	0	0	39	6	536	94	426	68	203	32	629	95
ITALY	1165	53	5	72	6	1126	97	670	62	409	38	1079	93
LIECHTENSTEIN	5	0	0	0	0	5	100	1	33	2	67	3	60
LUXEMBOURG	15	0	0	0	0	15	100	14	93	1	7	15	100
MALTA	54	0	0	2	4	49	91	34	67	17	33	51	94
MONACO	4	0	0	0	0	4	100	4	100	0	0	4	100
NETHERLANDS	1033	5	1	81	8	983	95	585	62	362	38	947	92
NORWAY	1230	2	0	95	8	1196	97	792	69	360	31	1152	94
PORTUGAL	381	5	1	18	5	373	98	219	61	138	39	357	94
SAN MARINO	2	0	0	1	50	2	100	2	100	0	0	2	100
SPAIN	1460	60	4	89	6	1398	96	860	63	506	37	1366	94
SWEDEN	997	4	0	129	14	942	94	552	60	369	40	921	92
SWITZERLAND	616	31	5	49	9	567	92	358	66	182	34	540	88
UNITED KINGDOM	4188	5	0	389	10	3968	95	2312	62	1444	38	3756	90
ENGLAND	1	0	0	0	0	1	100	1	100	0	0	1	100
ISLE OF MAN	1	0	0	0	0	1	100	1	100	0	0	1	100
WALES	2	0	0	2	100	2	100	0	0	2	100	2	100
WESTERN EUROPE	22338	287	1	1738	8	21402	96	12971	63	7545	37	20516	92
EUROPE	23550	323	1	1799	8	22578	96	13624	63	8008	37	21632	92
CARIBBEAN, UNSPECIFIED	97	0	0	12	13	93	96	50	56	39	44	89	92
BAHAMAS	1063	1	0	78	8	995	94	442	45	540	55	982	92
BARBADOS	251	0	0	15	6	236	94	123	51	116	49	239	95
CAYMAN ISLANDS	33	0	0	4	14	28	85	13	50	13	50	26	79
CUBA	1050	4	0	278	27	1046	100	452	43	588	57	1040	99
DOMINICAN REPUBLIC	477	39	8	29	6	461	97	274	63	158	37	432	91
GUADELOUPE	7	0	0	0	0	7	100	3	60	2	40	5	71
HAITI	1088	11	1	170	16	1072	99	604	58	440	42	1044	96
JAMAICA	1376	1	0	60	5	1304	95	651	50	653	50	1304	95
LEEWARD ISLANDS	5	0	0	0	0	2	40	1	50	1	50	2	40
ANTIGUA	109	0	0	3	3	104	95	62	58	45	42	107	98
BRITISH VIRGIN ISLANDS	38	0	0	6	16	37	97	19	50	19	50	38	100
MONTSERRAT	8	0	0	4	50	8	100	7	88	1	13	8	100
ST. KITTS-NEVIS	47	0	0	2	4	46	98	27	60	18	40	45	96
ANGUILLA	9	0	0	2	22	9	100	5	56	4	44	9	100
MARTINIQUE	4	0	0	0	0	4	100	2	50	2	50	4	100
NETHERLANDS ANTILLES	414	9	2	17	4	391	94	201	52	185	48	386	93
TRINIDAD & TOBAGO	1375	1	0	54	4	1320	96	704	54	605	46	1309	95
TURKS & CAICOS ISLANDS	10	0	0	0	0	10	100	4	40	6	60	10	100

LOCATION	FIELD OF STUDY: INTENSIVE ENGLISH NUM	INTENSIVE ENGLISH % FOS	NOT DECLARED NUM	NOT DECLARED % FOS	GRAND TOTAL NUM	GRAND TOTAL % FOS	GENDER: MALE NUM	MALE % M+F	FEMALE NUM	FEMALE % M+F	TOTAL NUM	TOTAL % ST3
WINDWARD ISLANDS	31	0	5	16	31	100	9	29	22	71	31	100
DOMINICA	56	0	0	0	54	96	28	52	26	48	54	96
GRENADA	111	0	13	13	103	93	45	49	46	51	91	82
ST. LUCIA	52	0	2	4	50	96	29	57	22	43	51	98
ST. VINCENT	31	0	1	3	30	97	23	74	8	26	31	100
CARIBBEAN	7742	66	755	10	7441	96	3778	51	3559	49	7337	95
BELIZE	337	1	18	5	328	97	174	54	147	46	321	95
COSTA RICA	534	23	29	5	604	95	341	61	222	39	563	89
EL SALVADOR	757	20	40	6	725	96	441	62	265	38	706	93
GUATEMALA	521	11	19	4	514	99	319	66	166	34	485	93
HONDURAS	838	53	51	6	814	97	458	57	348	43	806	96
MEXICO	3535	340	222	7	3388	96	2035	69	933	31	2968	84
NICARAGUA	1691	18	422	25	1685	100	886	53	793	47	1679	99
PANAMA	1349	42	74	6	1269	94	672	58	489	42	1161	86
CENTRAL AMERICA	9662	508	875	9	9327	97	5326	61	3363	39	8689	90
SOUTH AMERICA, UNSPECIFIED	2	0	0	0	2	100	2	100	0	0	2	100
ARGENTINA	997	13	58	6	969	97	621	64	343	36	964	97
BOLIVIA	682	15	39	6	664	97	415	65	227	35	642	94
BRAZIL	1340	75	80	5	1753	95	1082	63	632	37	1714	93
CHILE	700	14	29	4	683	98	445	68	211	32	656	94
COLOMBIA	2299	125	132	6	2187	95	1333	61	841	39	2174	95
ECUADOR	730	52	73	10	713	98	427	62	264	38	691	95
FALKLAND ISLANDS	4	0	0	0	4	100	4	100	0	0	4	100
FRENCH GUIANA	4	1	0	0	4	100	2	50	2	50	4	100
GUYANA	319	0	15	5	312	98	180	59	125	41	305	96
PARAGUAY	120	2	18	15	117	98	68	76	22	24	90	75
PERU	1444	50	82	6	1393	96	829	61	528	39	1357	94
SURINAME	141	0	8	6	137	97	76	55	61	45	137	97
URUGUAY	153	0	6	4	146	95	94	64	54	36	148	97
VENEZUELA	2368	73	131	6	2264	96	1390	63	816	37	2206	93
SOUTH AMERICA	11803	420	671	6	11348	96	6968	63	4126	37	11094	94
LATIN AMERICA	29207	994	2301	8	28116	96	16072	59	11048	41	27120	93
BERMUDA	436	2	23	5	433	99	203	47	226	53	429	98
CANADA	10041	16	619	6	9671	96	5605	61	3601	39	9206	92
NORTH AMERICAN REGION	10477	18	642	6	10104	96	5808	60	3827	40	9635	92
NORTH AMERICA	10477	18	642	6	10104	96	5808	60	3827	40	9635	92
AUSTRALIA	853	1	42	5	821	96	510	64	281	36	791	93
NEW ZEALAND	364	6	22	6	353	97	221	63	131	37	352	97
AUSTRALIA + NEW ZEALAND	1217	7	64	5	1174	96	731	64	412	36	1143	94
SOLOMON ISLANDS	5	0	0	0	5	100	3	60	2	40	5	100
COOK ISLANDS	3	0	1	33	3	100	2	67	1	33	3	100
FIJI	117	9	3	3	104	89	57	55	46	45	103	88
FRENCH POLYNESIA	53	21	2	4	51	96	34	65	18	35	52	98
KIRIBATI	15	13	0	0	15	100	7	47	8	53	15	100

153

LOCATION		FIELD OF STUDY: INTENSIVE ENGLISH		FIELD OF STUDY: NOT DECLARED		FIELD OF STUDY: GRAND TOTAL		GENDER: MALE		GENDER: FEMALE		GENDER: TOTAL	
		NUM	% FOS	NUM	% FOS	NUM	% FOS	NUM	% M+F	NUM	% M+F	NUM	% ST3
PAPUA-NEW GUINEA	14	0	0	0	0	13	93	9	64	5	36	14	100
NIUE	1	0	0	0	0	1	100	0	0	1	100	1	100
NORFOLK ISLAND	1	0	0	0	0	1	100	0	0	1	100	1	100
PACIFIC ISLANDS, TRUST TER.	770	10	1	154	20	763	99	326	57	246	43	572	74
TONGA	122	33	35	0	0	95	78	56	59	39	41	95	78
TUVALU	1	0	0	0	0	1	100	0	0	0	0	0	0
WESTERN SAMOA	96	29	31	6	6	95	99	61	64	34	36	95	99
PACIFIC OCEAN ISLAND AREA	1198	115	10	166	14	1147	96	555	58	401	42	956	80
OCEANIA	2415	122	5	230	10	2321	96	1286	61	813	39	2099	87
ANTARCTICA	2	0	0	0	0	0	0	0	0	0	0	0	0
POLAR REGIONS	2	0	0	0	0	0	0	0	0	0	0	0	0
POLAR REGIONS	2	0	0	0	0	0	0	0	0	0	0	0	0
STATELESS	103	8	8	2	2	96	93	77	88	11	13	88	85
STATELESS REGION	103	8	8	2	2	96	93	77	88	11	13	88	85
STATELESS OR UNKNOWN	103	8	8	2	2	96	93	77	88	11	13	88	85
******** FINAL TOTALS ****	225999	6110	3	10978	5	217284	96	140227	69	64220	31	204447	90

C.3

LOCATION	ST3 TOTAL	ACADEMIC LEVEL: ASSOCIATE TOTAL		BACHELOR: FRESHMAN	SOPHOMORE	JUNIOR	SENIOR	UNSPEC	BACHELOR TOTAL	
		NUM	% ACD	NUM	NUM	NUM	NUM	NUM	NUM	% ACD
UNKNOWN AREA OF WORLD	3285	24	1	182	226	380	452	226	1466	48
UNKNOWN AREA OF WORLD	3285	24	1	182	226	380	452	226	1466	48
UNKNOWN AREA OF WORLD	3285	24	1	182	226	380	452	226	1466	48
EASTERN AFRICA, UNSPECIFIED	4	1	25			1	1		2	50
DJIBOUTI	16	3	19	2	1	1	3	1	8	50
BRITISH INDIAN OCEAN TERR.	1		0				1		1	100
BURUNDI	28	2	7	2	3	4			9	32
COMOROS	13	4	31	2		1	2		5	38
ETHIOPIA	1132	232	21	172	111	102	136	60	581	53
KENYA	1194	115	10	192	155	110	135	91	683	59
MADAGASCAR	47	2	5	5	6	5	3	3	20	47
MALAWI	124	13	11	27	1	7	6	4	45	38
MAURITIUS	64	3	5	6	5	3	14	12	40	67
MOZAMBIQUE	15	4	27	1	1				2	13
ZIMBABWE	321	23	7	53	29	33	36	25	176	55
RWANDA	46	8	19	1	6	2	3	4	16	37
SEYCHELLES	16	6	38	3	3			2	8	50
SOMALIA	305	54	18	22	36	20	41	10	129	44
TANZANIA	335	21	7	32	30	34	28	18	142	45
UGANDA	290	29	10	44	15	34	34	17	144	52
ZAMBIA	245	12	5	20	22	21	33	17	113	47
EASTERN AFRICA	4196	532	13	584	422	378	476	264	2124	52
CENTRAL AFRICA, UNSPECIFIED	2		0							0
ANGOLA	9	1	11	3	3		2		8	89
CAMEROON	821	149	19	107	75	81	73	28	365	46
CENTRAL AFRICAN REPUBLIC	18	1	6	3	1	2	2		8	50
CHAD	11	2	20	1				1	2	20
CONGO	15	4	27	1			1	2	4	27
EQUATORIAL GUINEA	15	1	7		4			2	6	40
GABON	34	4	12	5	3	4	7	2	21	64
SAO TOME & PRINCIPE	10	1	10	1			2	3	6	60
ZAIRE	181	25	14	15	9	8	14	7	53	29
CENTRAL AFRICA	1115	188	17	136	95	95	101	45	473	44
ALGERIA	436	17	4	9	5	7	12	10	44	11
CANARY ISLANDS	10		0	3	4	1	1		9	100
EGYPT	1341	95	7	72	44	52	69	45	282	22
LIBYA	264	18	7	5	5	22	33	14	80	31
MOROCCO	563	86	16	37	41	40	53	60	231	42
WESTERN SAHARA	1		0			1			1	100
SUDAN	343	23	7	21	17	14	21	36	109	33
TUNISIA	495	8	2	34	30	44	60	31	199	42
NORTH AFRICA	3453	247	7	182	147	181	249	196	955	29
SOUTHERN AFRICA, UNSPECIFIED	35	2	6	3	1	2	1	5	12	34
BOTSWANA	176	8	5	23	18	14	16	12	83	49
LESOTHO	62	3	5	10	5	4	10	2	31	50

LOCATION	ST3 TOTAL	ACADEMIC LEVEL: ASSOCIATE TOTAL NUM	ASSOCIATE TOTAL % ACD	BACHELOR FRESHMAN NUM	BACHELOR SOPHOMORE NUM	BACHELOR JUNIOR NUM	BACHELOR SENIOR NUM	BACHELOR UNSPEC NUM	BACHELOR TOTAL NUM	BACHELOR TOTAL % ACD
NAMIBIA	97	5	5	22	14	11	10	4	61	66
SOUTH AFRICA	1257	120	10	147	113	93	118	100	576	47
SWAZILAND	124	1	1	15	14	6	10	5	50	42
SOUTHERN AFRICA	1751	139	8	220	170	130	165	128	813	48
WEST AFRICA, UNSPECIFIED	19	5	28	5	1	3	1		10	56
CAPE VERDE	35	1	3	6	2	7	7	3	25	76
BENIN	24	1	4	1	3		3	1	8	33
GAMBIA	113	19	17	19	15	20	12	4	70	62
GHANA	712	33	5	69	61	45	93	41	309	44
GUINEA	62	3	5	4	3	5	3		15	25
GUINEA-BISSAU	37	6	18	5	1		4	2	13	39
IVORY COAST	174	24	14	13	11	8	8	11	51	30
LIBERIA	453	78	18	63	35	58	53	33	242	55
MALI	85	1	1	5	6	2	2		15	18
MAURITANIA	51		0	3	3	5	4	5	30	63
NIGER	50		0	2	5	9	6		22	44
NIGERIA	5196	410	8	384	372	514	1031	244	2945	51
SENEGAL	132	13	13	10	12	11	7	2	42	42
SIERRA LEONE	273	86	32	19	17	13	18	9	76	29
TOGO	45	3	7	3	5	1	1	4	14	31
BURKINA FASO	36	1	3	2		3	4		9	25
WEST AFRICA	7467	684	9	619	557	704	1257	359	3496	49
AFRICA, UNSPECIFIED	15	5	33	3	1	2	3		9	60
AFRICA REGION UNSPECIFIED	15	5	33	3	1	2	3		9	60
AFRICA	17998	1795	10	1744	1393	1490	2251	992	7870	45
CHINA	15281	406	3	383	197	346	316	492	1734	12
TAIWAN	16027	324	2	405	299	470	695	455	2324	15
HONG KONG	5833	565	10	647	585	592	760	534	3118	57
JAPAN	11666	2228	18	1230	707	699	691	854	4161	38
KOREA,DEMOCRATIC PEOPLES REPUB	278	13	5	35	15	19	7	13	90	33
KOREA, REPUBLIC OF	12634	293	2	523	395	520	628	545	2611	22
MACAO	59	13	24	5	10	4	9	3	32	58
MONGOLIA	10		0	1	6		1		8	80
EAST ASIA	61563	3542	6	3231	2214	2650	3107	2876	14078	24
AFGHANISTAN	67	18	33	7	5	6	7	2	27	49
BANGLADESH	1389	152	11	177	91	80	111	76	535	40
BHUTAN	14		0	5	4		1		10	71
INDIA	13025	350	3	561	455	457	633	515	2621	21
MALDIVES	7	2	29			1	1		2	29
NEPAL	339	30	9	54	34	25	23	12	148	44
PAKISTAN	4250	482	12	474	387	399	429	326	2015	51
SRI LANKA	1295	109	9	105	75	114	136	99	529	42
SOUTH CENTRAL ASIA	20386	1143	6	1383	1051	1082	1341	1030	5887	30
SOUTH-EAST ASIA, UNSPECIFIED	2	2	100							0

LOCATION	ST3 TOTAL	ACADEMIC LEVEL: ASSOCIATE TOTAL NUM	ASSOCIATE TOTAL % ACD	BACHELOR FRESHMAN NUM	BACHELOR SOPHOMORE NUM	BACHELOR JUNIOR NUM	BACHELOR SENIOR NUM	BACHELOR UNSPEC NUM	TOTAL NUM	TOTAL % ACD
BRUNEI	22	4	18		5	2	5		8	36
BURMA	138	13	10	3	10	5	7	13	38	28
INDONESIA	5474	642	12	597	458	551	672	405	2683	52
CAMBODIA	126	33	27	20	18	8	16	10	72	59
LAOS	191	25	13	35	21	28	15	15	114	61
MALAYSIA	12839	389	3	1025	1389	2286	3022	1413	9134	74
PHILIPPINES	2684	314	12	273	216	183	221	161	1054	41
PORTUGUESE TIMOR	8		0	7			1		8	100
SINGAPORE	2853	137	5	437	345	411	533	181	1908	71
THAILAND	4007	241	6	270	159	210	317	242	1198	31
VIETNAM	1196	442	38	140	91	85	166	49	531	46
SOUTH-EAST ASIA	29535	2242	8	2807	2711	3771	4973	2486	16748	59
BAHRAIN	266	58	22	17	37	33	32	25	144	55
CYPRUS	1137	72	7	93	92	129	162	244	717	65
IRAN	6340	1111	18	468	476	510	597	418	2449	41
IRAQ	612	43	7	50	33	35	66	38	202	35
ISRAEL	1465	180	13	120	87	85	104	95	491	35
JORDAN	3312	452	14	342	319	366	498	255	1780	56
KUWAIT	2068	320	16	257	229	240	289	247	1262	64
LEBANON	3658	387	12	220	409	453	504	319	1905	57
OMAN	486	62	14	73	53	87	52	51	316	72
QATAR	404	59	15	28	35	49	81	61	255	65
SAUDI ARABIA	3620	399	11	288	276	330	441	259	1594	46
SYRIA	1114	159	15	104	92	109	165	72	542	52
TURKEY	1645	88	6	119	82	83	102	96	480	30
UNITED ARAB EMIRATES	971	195	21	143	82	101	101	131	558	59
YEMEN ARAB REPUBLIC	336	50	16	31	51	25	37	21	166	53
YEMEN, PEOPLE'S DEM. REP.	44	1	2	3	4	10	6	4	27	61
MIDDLE EAST	27478	3536	14	2313	2358	2646	3237	2334	12888	49
ASIA	138962	10563	8	9734	8334	10149	12658	8725	47601	37
ALBANIA	1		0							0
BULGARIA	32	6	19	3	3		1	2	9	29
CZECHOSLOVAKIA	38	9	24	4	5	4	1	4	19	50
GERMAN DEMOCRATIC REP.	47	18	42	2	2	2			6	14
HUNGARY	131	6	5	8	4	8	6	13	39	30
POLAND	465	37	8	34	19	18	27	43	140	31
ROMANIA	55	10	19	7	3	2	2	9	23	43
U. S. S. R.	50	9	18	6	2	3	4	10	25	51
YUGOSLAVIA	393	21	5	36	15	20	19	19	110	28
EASTERN EUROPE	1212	116	10	100	54	57	60	100	371	31
ANDORRA	1		0	1					1	100
AUSTRIA	295	27	10	22	15	19	16	29	102	36
BELGIUM	540	43	8	38	19	20	33	29	139	27
DENMARK	406	47	12	48	30	26	23	25	152	38

LOCATION	ST3 TOTAL	ACADEMIC LEVEL: ASSOCIATE TOTAL		BACHELOR: FRESHMAN	SOPHOMORE	JUNIOR	SENIOR	UNSPEC	TOTAL	
		NUM	% ACD	NUM	NUM	NUM	NUM	NUM	NUM	% ACD
FINLAND	411	32	8	70	32	25	30	42	199	51
FRANCE	2578	236	10	187	113	121	149	258	828	34
GERMANY, FED. REP. OF	3302	258	8	275	195	172	227	353	1222	37
GIBRALTAR	6	2	40	2					2	40
GREECE	2348	149	7	160	134	128	219	177	818	36
VATICAN CITY	17		0	1	1	7	3	1	13	81
ICELAND	405	9	2	42	38	50	51	25	206	52
IRELAND	674	74	11	81	52	45	56	49	283	42
ITALY	1165	99	9	83	81	60	73	70	367	33
LIECHTENSTEIN	5	2	40					1	1	20
LUXEMBOURG	15		0	4		5	1	1	11	73
MALTA	54	3	6	9	10	7	6	4	36	75
MONACO	4	1	25		1		1		2	50
NETHERLANDS	1033	97	10	116	91	94	105	101	507	50
NORWAY	1230	53	4	106	153	181	231	188	859	73
PORTUGAL	381	37	10	31	26	28	21	19	125	34
SAN MARINO	2		0	1			1		2	100
SPAIN	1460	131	9	177	100	103	87	104	571	40
SWEDEN	997	133	14	154	115	79	105	97	560	59
SWITZERLAND	616	53	9	50	33	35	42	47	217	39
UNITED KINGDOM	4188	291	7	447	281	351	364	480	1923	48
ENGLAND	1		0							0
ISLE OF MAN	1		0				1		1	100
WALES	2		0	2					2	100
WESTERN EUROPE	22338	1777	8	2127	1521	1556	1845	2100	9149	43
EUROPE	23550	1893	8	2227	1575	1613	1905	2200	9520	42
CARIBBEAN, UNSPECIFIED	97	16	17	26	18	5	9	2	60	65
BAHAMAS	1063	216	21	152	132	166	160	146	756	72
BARBADOS	251	25	10	46	25	32	29	31	163	67
CAYMAN ISLANDS	33	3	9	8	2	6	5	7	28	88
CUBA	1050	981	94	8	3	12	14	2	39	4
DOMINICAN REPUBLIC	477	46	10	68	24	36	24	38	190	40
GUADELOUPE	7	0		1	3	1		1	6	100
HAITI	1088	707	65	82	52	44	35	68	281	26
JAMAICA	1376	275	20	173	118	126	163	174	754	56
LEEWARD ISLANDS	5		0		1		1	3	5	100
ANTIGUA	109	11	10	22	13	21	15	15	86	80
BRITISH VIRGIN ISLANDS	38	7	19	6	3	3	9	1	22	61
MONTSERRAT	8		0	2	2	4			8	100
ST. KITTS-NEVIS	47	5	13	12	2	4	2	5	25	63
ANGUILLA	9	1	11	2		1		3	6	67
MARTINIQUE	4	1	25		1		2		3	75
NETHERLANDS ANTILLES	414	40	10	58	48	60	69	36	271	67
TRINIDAD & TOBAGO	1375	211	16	211	132	196	221	153	913	68
TURKS & CAICOS ISLANDS	10	2	20	2	4	2			8	80

LOCATION	ST3 TOTAL	ACADEMIC LEVEL: ASSOCIATE TOTAL NUM	ASSOCIATE TOTAL % ACD	BACHELOR FRESHMAN NUM	BACHELOR SOPHOMORE NUM	BACHELOR JUNIOR NUM	BACHELOR SENIOR NUM	BACHELOR UNSPEC NUM	TOTAL NUM	TOTAL % ACD
WINDWARD ISLANDS	31	29	94	1		1			2	0
DOMINICA	50	3	6	7	4	5	5	17	38	76
GRENADA	111	15	14	15	12	8	15	23	73	67
ST. LUCIA	52	11	22	4	5	5	5	5	25	49
ST. VINCENT	31	4	13	3	4	2	2	8	19	63
CARIBBEAN	7742	2509	34	909	608	740	785	739	3781	50
BELIZE	337	36	11	52	45	84	61	12	254	77
COSTA RICA	634	50	8	64	42	46	66	51	269	43
EL SALVADOR	757	177	24	70	81	56	92	70	371	50
GUATEMALA	521	79	16	68	44	50	70	28	260	51
HONDURAS	835	145	18	135	90	76	134	51	486	59
MEXICO	3535	469	14	388	188	191	251	146	1164	35
NICARAGUA	1691	1435	85	35	29	30	39	20	153	9
PANAMA	1349	270	20	154	137	144	169	203	807	61
CENTRAL AMERICA	9662	2561	28	966	655	679	882	581	3764	40
SOUTH AMERICA, UNSPECIFIED	2		0	1			1		2	100
ARGENTINA	997	108	11	60	45	47	48	47	247	26
BOLIVIA	682	168	25	73	63	58	100	48	342	52
BRAZIL	1840	249	14	130	99	96	114	88	527	30
CHILE	700	101	15	31	50	35	38	33	187	27
COLOMBIA	2299	687	22	182	140	180	211	187	900	40
ECUADOR	730	163	23	110	53	67	71	56	357	50
FALKLAND ISLANDS	4		0		1			2	3	75
FRENCH GUIANA	4		0		1		2		3	75
GUYANA	319	32	10	48	30	24	25	56	183	54
PARAGUAY	120	11	9	12	11	3	11	25	63	53
PERU	1444	290	21	112	96	116	168	103	595	42
SURINAME	141	43	33	10	9	15	16	9	59	45
URUGUAY	153	21	14	9	13	9	7	7	45	30
VENEZUELA	2368	677	21	162	120	178	474	177	1111	48
SOUTH AMERICA	11803	2150	19	940	731	828	1286	839	4624	40
LATIN AMERICA	29207	7420	26	2815	1995	2247	2953	2159	12169	43
BERMUDA	439	68	16	89	85	57	68	21	320	75
CANADA	10041	904	9	1172	872	920	1096	737	4797	50
NORTH AMERICAN REGION	10477	972	10	1261	957	977	1164	758	5117	51
NORTH AMERICA	10477	972	10	1261	957	977	1164	758	5117	51
AUSTRALIA	853	47	6	75	42	53	49	42	262	32
NEW ZEALAND	364	26	7	71	29	25	24	13	162	45
AUSTRALIA + NEW ZEALAND	1217	73	6	147	71	78	73	55	424	36
SOLOMON ISLANDS	5		0		1	1	1		3	75
COOK ISLANDS	3	1	33	1	1				2	67
FIJI	117	15	13	26	16	11	12	7	72	72
FRENCH POLYNESIA	53	4	8	27	5	1	4	2	40	75
KIRIBATI	15		0	1			1		2	13

LOCATION	ST3 TOTAL	ACADEMIC LEVEL: ASSOCIATE TOTAL		BACHELOR: FRESHMAN	SOPHOMORE	JUNIOR	SENIOR	UNSPEC	TOTAL	
		NUM	% ACD	NUM	NUM	NUM	NUM	NUM	NUM	% ACD
PAPUA-NEW GUINEA	14		0	2	2	1	2		7	54
NIUE	1		0				1		1	100
NORFOLK ISLAND	1		0							0
PACIFIC ISLANDS, TRUST TER.	770	345	48	92	84	67	54	44	341	48
TONGA	122	5	5	43	14	18	13		88	92
TUVALU	1		0							0
WESTERN SAMOA	96	6	6	44	12	11	12		79	84
PACIFIC OCEAN ISLAND AREAS	1198	374	34	235	135	110	100	53	635	58
OCEANIA	2415	447	20	383	207	188	173	108	1359	47
ANTARCTICA	2		0							0
POLAR REGIONS	2		0							0
POLAR REGIONS	2		0							0
STATELESS	103	14	14	5	11	13	12	12	54	54
STATELESS REGION	103	14	14	5	11	13	12	12	54	54
STATELESS OR UNKNOWN	103	14	14	5	11	13	12	12	54	54
******** FINAL TOTALS *******	225999	23228	11	18352	14698	17057	21568	15181	86856	40

LOCATION	ST3 TOTAL	ACADEMIC LEVEL: GRADUATE MASTERS NUM	GRADUATE DOCTOR NUM	GRADUATE PRF TRNG NUM	GRADUATE UNSPEC NUM	GRADUATE TOTAL PR TRNG NUM	GRADUATE TOTAL PR TRNG % ACD	OTHER NON DEG NUM	OTHER INT ENGL NUM	TOTAL NUM	TOTAL % ACD	ACADEMIC TOTAL TOTAL	ACADEMIC TOTAL % ST3
UNKNOWN AREA OF WORLD	3285	472	118	3	41	634	21	154	173	580	907	3031	92
UNKNOWN AREA OF WORLD	3285	472	118	3	41	634	21	154	173	580	907	3031	92
UNKNOWN AREA OF WORLD	3285	472	118	3	41	634	21	154	173	580	907	3031	92
EASTERN AFRICA, UNSPECIFIED	4	1	0	0	0	1	25	0	0	0	0	4	100
DJIBOUTI	16	2	0	0	1	3	19	0	0	2	2	16	100
BRITISH INDIAN OCEAN TERR.	1	0	0	0	0	0	0	0	0	0	0	1	100
BURUNDI	28	8	5	0	1	14	50	0	1	2	3	28	100
COMOROS	13	0	0	0	4	4	31	0	0	0	0	13	100
ETHIOPIA	1132	98	93	4	53	248	23	5	18	14	37	1098	97
KENYA	1194	183	96	9	58	346	30	9	7	1	17	1161	97
MADAGASCAR	47	9	5	1	4	19	44	0	2	0	2	43	91
MALAWI	124	33	20	4	4	61	51	0	1	0	1	120	97
MAURITIUS	64	9	3	0	3	15	25	0	2	0	2	60	94
MOZAMBIQUE	15	5	1	0	3	9	60	0	0	0	0	15	100
ZIMBABWE	321	64	27	3	16	110	35	4	4	1	9	318	99
RWANDA	46	7	9	0	1	17	40	1	1	0	2	43	93
SEYCHELLES	16	2	0	0	0	2	13	0	0	0	0	16	100
SOMALIA	305	53	20	0	18	91	31	2	6	12	20	294	96
TANZANIA	335	71	51	4	18	144	45	5	7	0	12	319	95
UGANDA	290	50	26	5	14	95	34	5	6	0	11	279	96
ZAMBIA	245	53	30	3	18	104	43	3	8	0	11	240	98
EASTERN AFRICA	4196	648	386	33	216	1283	32	34	63	32	129	4068	97
CENTRAL AFRICA, UNSPECIFIED	2	1	0	0	0	1	50	0	1	0	1	2	100
ANGOLA	9	0	0	0	0	0	0	0	0	0	0	9	100
CAMEROON	821	132	50	8	62	262	33	2	6	9	17	793	97
CENTRAL AFRICAN REPUBLIC	18	4	0	1	0	5	31	0	0	2	2	16	89
CHAD	11	1	2	0	1	4	40	0	2	0	2	10	91
CONGO	15	4	2	0	1	7	47	0	0	0	0	15	100
EQUATORIAL GUINEA	15	8	0	0	0	8	53	0	0	0	0	15	100
GABON	34	4	0	0	0	4	12	0	2	2	4	33	97
SAO TOME & PRINCIPE	10	0	0	0	0	0	0	0	0	3	3	10	100
ZAIRE	181	39	30	4	18	91	51	1	4	6	11	180	99
CENTRAL AFRICA	1116	193	94	13	82	382	35	3	15	22	40	1083	97
ALGERIA	436	111	145	0	65	321	79	11	10	3	24	406	93
CANARY ISLANDS	10	0	0	0	0	0	0	0	0	0	0	9	90
EGYPT	1341	206	527	10	115	858	67	8	30	17	55	1290	96
LIBYA	264	29	94	2	25	150	58	4	7	1	12	260	98
MOROCCO	563	82	93	2	24	201	37	4	7	21	32	550	98
WESTERN SAHARA	1	0	0	0	0	0	0	0	0	0	0	1	100
SUDAN	343	63	85	1	26	175	53	4	7	11	22	329	96
TUNISIA	495	133	93	1	34	261	55	2	8	0	10	478	97
NORTH AFRICA	3453	624	1037	16	289	1966	59	33	69	53	155	3323	96
SOUTHERN AFRICA, UNSPECIFIED	35	4	2	0	15	21	60	0	0	0	0	35	100
BOTSWANA	176	55	9	0	9	73	43	2	4	1	7	171	97
LESOTHO	62	12	4	0	5	21	34	0	4	3	7	62	100

LOCATION	ST3 TOTAL	GRADUATE							OTHER				ACADEMIC TOTAL	
		MASTERS	DOCTOR	PRF TRNG	UNSPEC	TOTAL	% ACD	PR TRNG	NON DEG	INT ENGL	TOTAL	% ACD	TOTAL	% ST3
		NUM	NUM	NUM	NUM	NUM		NUM	NUM	NUM	NUM			
NAMIBIA	97	19	3	1	3	26	28	0	1	0	1	1	93	96
SOUTH AFRICA	1257	259	146	23	71	499	41	11	11	0	22	2	1217	97
SWAZILAND	124	36	10	5	9	60	51	0	7	0	7	6	118	95
SOUTHERN AFRICA	1751	385	174	29	112	700	41	13	27	4	44	3	1696	97
WEST AFRICA, UNSPECIFIED	19	3	0	0	0	3	17	0	0	0	0	0	18	95
CAPE VERDE	35	3	2	0	0	5	15	0	1	1	2	6	33	94
BENIN	24	9	3	1	0	13	54	0	2	0	2	8	24	100
GAMBIA	113	17	3	1	2	23	20	0	1	0	1	1	113	100
GHANA	712	102	159	11	63	335	48	9	11	4	24	3	701	98
GUINEA	62	23	12	0	3	38	63	0	3	1	4	7	60	97
GUINEA-BISSAU	37	5	3	0	1	9	27	0	2	3	5	15	33	89
IVORY COAST	174	41	30	0	15	86	50	3	5	3	11	6	172	99
LIBERIA	453	59	25	6	24	114	26	5	3	0	8	2	442	98
MALI	85	41	14	0	5	60	73	0	4	2	6	7	82	96
MAURITANIA	51	9	2	0	5	15	33	0	0	2	2	4	48	94
NIGER	50	14	9	0	2	25	50	0	2	1	3	6	50	100
NIGERIA	5196	910	465	50	516	1941	39	37	46	2	85	2	4981	96
SENEGAL	102	24	12	0	1	37	37	0	5	2	7	7	99	97
SIERRA LEONE	273	41	31	1	25	98	37	4	1	0	5	2	265	97
TOGO	45	10	15	0	2	27	60	0	1	0	1	2	45	100
BURKINA FASO	36	8	10	0	8	26	72	0	0	0	0	0	36	100
WEST AFRICA	7467	1319	795	70	672	2855	40	58	87	21	166	2	7202	96
AFRICA, UNSPECIFIED	15	0	0	0	1	1	7	0	0	0	0	0	15	100
AFRICA REGION UNSPECIFIED	15	0	0	0	1	1	7	0	0	0	0	0	15	100
AFRICA	17998	3169	2486	161	1372	7188	41	141	261	132	534	3	17387	97
CHINA	15281	4471	5525	110	1595	11701	81	94	291	259	644	4	14485	95
TAIWAN	16027	6132	4093	45	1666	11936	79	199	159	250	608	4	15192	95
HONG KONG	5830	886	522	49	189	1646	30	57	27	34	118	2	5447	93
JAPAN	11444	1413	652	82	372	2519	23	72	430	1836	2338	21	11046	97
KOREA,DEMOCRATIC PEOPLES REPUB	278	80	50	6	22	158	59	0	1	7	8	3	269	97
KOREA, REPUBLIC OF	12634	3214	4436	65	1171	8886	74	48	101	142	291	2	12081	96
MACAO	59	8	1	0	1	10	18	0	0	0	0	0	55	93
MONGOLIA	10	0	1	0	0	1	10	0	1	0	1	10	10	100
EAST ASIA	61563	16204	15280	357	5016	36857	63	470	1010	2528	4008	7	58585	95
AFGHANISTAN	67	3	1	1	1	6	11	0	3	1	4	7	55	82
BANGLADESH	1389	251	245	3	87	585	44	16	15	39	70	5	1343	97
BHUTAN	14	4	0	0	0	4	29	0	0	0	0	0	14	100
INDIA	13025	4438	3514	53	1066	9071	73	136	201	21	358	3	12400	95
MALDIVES	7	2	0	0	0	2	29	0	1	0	1	14	7	100
NEPAL	339	58	57	0	21	146	44	0	10	1	11	3	335	99
PAKISTAN	4250	863	369	11	146	1389	35	30	32	27	89	2	3975	94
SRI LANKA	1295	225	283	6	66	580	46	9	23	0	32	3	1250	97
SOUTH CENTRAL ASIA	20386	5844	4479	74	1387	11784	61	191	285	89	565	3	19379	95
SOUTH-EAST ASIA, UNSPECIFIED	2	0	0	0	0	0	0	0	0	0	0	0	2	100

ACADEMIC LEVEL

LOCATION	ST3 TOTAL	GRADUATE MASTERS	GRADUATE DOCTOR	GRADUATE PRF TRNG	GRADUATE UNSPEC	GRADUATE TOTAL NUM	GRADUATE TOTAL % ACD	OTHER PR TRNG	OTHER NON DEG	OTHER INT ENGL	OTHER TOTAL NUM	OTHER TOTAL % ACD	ACADEMIC TOTAL TOTAL	ACADEMIC TOTAL % ST3
		NUM	NUM	NUM	NUM			NUM	NUM	NUM				
BRUNEI	22	4	1	1	2	8	36	1	1	0	2	9	22	100
BURMA	138	53	15	2	8	78	57	1	5	1	7	5	136	99
INDONESIA	5474	1089	303	16	248	1656	32	33	46	111	190	4	5171	94
CAMBODIA	126	3	4	1	0	8	7	0	5	4	9	7	122	97
LAOS	191	2	1	0	1	4	2	24	14	5	43	23	186	97
MALAYSIA!	12839	1858	349	16	334	2557	21	100	45	87	232	2	12312	96
PHILIPPINES	2684	588	371	24	125	1108	43	46	48	22	116	4	2592	97
PORTUGJESE TIMOR	8	0	0	0	0	0	0	0	0	0	0	0	8	100
SINGAPORE	2850	386	132	15	52	585	22	13	17	12	42	2	2672	94
THAILAND	4007	1322	536	18	313	2189	57	27	37	135	199	5	3827	96
VIETNAM	1194	26	8	12	41	87	8	4	59	34	97	8	1157	97
SOUTH-EAST ASIA	29535	5331	1720	105	1124	8280	29	249	277	411	937	3	28207	96
BAHRAIN	266	23	14	1	13	51	20	2	2	4	8	3	261	98
CYPRUS	1137	170	81	2	38	291	26	7	12	6	25	2	1105	97
IRAN	6340	784	988	98	353	2223	37	54	78	105	237	4	6020	95
IRAQ	612	100	180	2	36	318	55	4	7	4	15	3	578	94
ISRAEL	1465	212	311	9	105	637	46	17	50	15	82	6	1390	95
JORDAN	3312	360	283	10	133	786	25	25	37	91	153	5	3171	96
KUWAIT	2068	132	101	10	33	275	14	14	27	83	124	6	1982	95
LEBANON	3658	503	264	36	128	931	28	32	62	42	136	4	3359	92
OMAN	486	20	5	0	5	30	7	0	6	23	29	7	437	90
QATAR	404	25	14	0	8	47	12	1	13	18	32	8	393	97
SAUDI ARABIA	3620	587	433	9	214	1243	36	6	56	182	244	7	3480	96
SYRIA	1114	143	105	4	36	288	28	9	12	37	58	6	1047	94
TURKEY	1645	390	407	4	129	930	59	13	26	50	89	6	1587	96
UNITED ARAB EMIRATES	971	46	30	3	18	97	10	4	10	85	99	10	949	98
YEMEN ARAB REPUBLIC	336	43	26	0	12	81	26	0	7	11	18	6	315	94
YEMEN, PEOPLE'S DEM. REP.	44	5	3	0	3	11	25	0	0	5	5	11	44	100
MIDDLE EAST	27478	3543	3245	188	1264	8240	32	188	405	761	1354	5	26118	95
ASIA	138962	30922	24724	724	8791	65161	49	1098	1977	3789	6864	5	132289	95
ALBANIA	1	1	0	0	0	1	100	0	0	0	0	0	1	100
BULGARIA	32	5	6	0	3	14	45	2	0	0	2	6	31	97
CZECHOSLOVAKIA	38	2	2	1	1	6	16	0	2	2	4	11	38	100
GERMAN DEMOCRATIC REP.	47	13	1	1	2	17	40	1	1	0	2	5	43	91
HUNGARY	131	23	40	3	6	72	56	0	3	8	11	9	128	98
POLAND	465	66	116	11	41	234	52	4	15	21	40	9	451	97
ROMANIA	55	6	7	2	1	16	30	1	0	4	5	9	54	98
U. S. S. R.	50	4	2	2	0	8	16	0	2	5	7	14	49	98
YUGOSLAVIA	393	69	147	6	27	249	64	1	6	1	10	3	390	99
EASTERN EUROPE	1212	189	321	26	81	617	52	9	31	41	81	7	1185	98
ANDORRA	1	0	0	0	0	0	0	0	0	0	0	0	1	100
AUSTRIA	295	82	35	4	14	135	48	2	14	3	19	7	283	96
BELGIUM	540	138	113	19	43	313	60	6	18	4	28	5	523	97
DENMARK	406	45	37	61	25	168	43	1	20	7	28	7	395	97

LOCATION	ST3 TOTAL	ACADEMIC LEVEL: GRADUATE MASTERS NUM	GRADUATE DOCTOR NUM	GRADUATE PRF TRNG NUM	GRADUATE UNSPEC NUM	GRADUATE TOTAL NUM	GRADUATE % ACD	OTHER PR TRNG NUM	OTHER NON DEG NUM	OTHER INT ENGL NUM	OTHER TOTAL NUM	OTHER % ACD	ACADEMIC TOTAL	ACADEMIC % ST3
FINLAND	411	58	54	3	16	131	34	5	15	5	25	6	387	94
FRANCE	2578	598	288	39	183	1108	46	22	164	54	240	10	2412	94
GERMANY, FED. REP. OF	3502	691	515	39	306	1551	46	27	256	27	310	9	3341	95
GIBRALTAR	6	0	0	0	0	0	0	0	1	0	1	20	5	83
GREECE	2348	489	586	13	135	1223	54	21	29	27	77	3	2267	97
VATICAN CITY	17	0	2	0	0	2	13	0	1	0	1	6	16	94
ICELAND	406	95	70	0	16	181	45	0	2	1	3	1	399	98
IRELAND	674	107	127	6	55	295	44	6	13	0	19	3	671	100
ITALY	1165	155	282	15	85	537	48	9	57	59	125	11	1128	97
LIECHTENSTEIN	5	1	0	0	1	2	40	0	0	0	0	0	5	100
LUXEMBOURG	15	1	1	0	2	4	27	0	0	0	0	0	15	100
MALTA	54	2	2	0	0	4	8	2	3	0	5	10	48	89
MONACO	4	1	0	0	0	1	25	0	0	0	0	0	4	100
NETHERLANDS	1033	139	131	13	51	334	33	13	55	5	73	7	1011	98
NORWAY	1230	156	36	5	40	237	20	7	22	3	32	3	1181	96
PORTUGAL	381	58	102	4	16	180	49	3	8	12	23	6	365	96
SAN MARINO	2	0	0	0	0	0	0	0	0	0	0	0	2	100
SPAIN	1460	292	218	12	85	607	43	10	49	55	114	8	1423	97
SWEDEN	997	77	69	17	30	193	20	11	53	5	69	7	955	96
SWITZERLAND	616	83	91	20	46	210	38	4	43	32	79	14	559	91
UNITED KINGDOM	4188	658	548	38	248	1492	37	51	253	2	306	8	4012	96
ENGLAND	1	0	1	0	0	1	100	0	0	0	0	0	1	100
ISLE OF MAN	1	0	0	0	0	0	0	0	0	0	0	0	1	100
WALES	2	0	0	0	0	0	0	0	0	0	0	0	2	100
WESTERN EUROPE	22338	3926	3278	308	1397	8909	42	200	1076	301	1577	7	21412	96
EUROPE	23550	4115	3599	334	1478	9526	42	209	1107	342	1658	7	22597	96
CARIBBEAN, UNSPECIFIED	97	6	5	1	1	13	14	0	3	0	3	3	92	95
BAHAMAS	1063	45	9	7	9	70	7	4	5	1	10	1	1052	99
BARBADOS	251	20	7	7	12	46	19	2	9	0	11	4	245	98
CAYMAN ISLANDS	33	0	0	0	0	0	0	1	0	0	1	3	32	97
CUBA	1050	7	7	3	2	19	2	0	1	6	7	1	1046	100
DOMINICAN REPUBLIC	477	134	36	2	11	183	39	2	8	44	54	11	473	99
GUADELOUPE	7	0	0	0	0	0	0	0	0	0	0	0	6	86
HAITI	1088	46	9	4	15	74	7	3	11	10	24	2	1086	100
JAMAICA	1376	123	62	18	95	298	22	12	13	3	28	2	1355	98
LEEWARD ISLANDS	5	0	0	0	0	0	0	0	0	0	0	0	5	100
ANTIGUA	109	5	4	0	1	10	9	1	0	0	1	1	108	99
BRITISH VIRGIN ISLANDS	38	0	4	0	0	4	11	0	3	0	3	8	36	95
MONTSERRAT	8	0	0	0	0	0	0	0	0	0	0	0	8	100
ST. KITTS-NEVIS	47	2	1	0	6	9	23	0	1	0	1	3	40	85
ANGUILLA	9	0	1	0	1	2	22	0	0	0	0	0	9	100
MARTINIQUE	4	0	0	0	0	0	0	0	0	0	0	0	4	100
NETHERLANDS ANTILLES	414	45	13	7	6	71	18	6	5	10	21	5	408	97
TRINIDAD & TOBAGO	1375	95	40	13	61	209	15	16	2	0	18	1	1351	98
TURKS & CAICOS ISLANDS	10	0	0	0	0	0	0	0	0	0	0	0	10	100

LOCATION	ST3 TOTAL	GRADUATE						OTHER				ACADEMIC TOTAL	
		MASTERS	DOCTOR	PRF TRNG	UNSPEC	TOTAL	% ACD	PR TRNG	NON DEG	INT ENGL	TOTAL	% ACD	% ST3
		NUM	NUM	NUM	NUM	NUM		NUM	NUM	NUM	NUM		
WINDWARD ISLANDS	31	0	0	0	0	0	0	0	0	0	0	0	31 100
DOMINICA	56	7	2	0	0	9	18	0	0	0	0	0	50 89
GRENADA	111	5	6	0	8	19	17	0	2	0	2	2	109 98
ST. LUCIA	52	7	3	0	5	15	29	0	0	0	0	0	51 98
ST. VINCENT	31	5	0	0	1	6	20	0	1	0	1	3	30 97
CARIBBEAN	7742	552	209	52	234	1057	14	47	64	74	185	2	7632 99
BELIZE	337	26	7	4	2	39	12	2	0	1	3	1	332 99
COSTA RICA	634	121	88	3	31	243	39	2	39	17	58	9	620 98
EL SALVADOR	757	118	17	3	18	156	21	6	10	23	39	5	743 98
GUATEMALA	521	92	27	1	18	138	27	3	9	17	29	6	506 97
HONDURAS	838	84	19	4	17	124	15	7	13	48	68	8	823 98
MEXICO	3535	504	556	50	143	1253	37	21	72	394	487	14	3373 95
NICARAGUA	1691	48	16	2	7	73	4	1	6	19	26	2	1687 100
PANAMA	1349	127	37	3	27	194	15	7	14	35	56	4	1327 98
CENTRAL AMERICA	9662	1120	767	70	263	2220	24	49	163	554	766	8	9411 97
SOUTH AMERICA, UNSPECIFIED	2	0	0	0	0	0	0	0	0	0	0	0	2 100
ARGENTINA	997	268	194	4	75	541	56	9	40	15	64	7	960 96
BOLIVIA	682	72	26	3	15	116	17	4	13	20	37	6	663 97
BRAZIL	1840	314	431	12	103	860	48	7	65	77	149	8	1785 97
CHILE	700	125	187	4	56	372	54	5	10	16	31	4	691 99
COLOMBIA	2299	390	234	8	66	668	30	34	35	127	196	9	2251 98
ECUADOR	730	82	30	1	10	123	17	5	14	51	70	10	713 98
FALKLAND ISLANDS	4	1	0	0	0	1	25	0	0	0	0	0	4 100
FRENCH GUIANA	4	0	0	0	0	0	0	0	0	1	1	25	4 100
GUYANA	319	40	28	1	19	88	28	4	4	0	8	3	311 97
PARAGUAY	120	26	7	2	4	39	33	0	2	4	6	5	119 99
PERU	1444	215	135	6	48	404	29	19	40	53	112	8	1401 97
SURINAME	141	22	5	0	1	28	21	0	1	0	1	1	131 93
URUGUAY	153	40	29	2	8	79	52	0	7	0	7	5	152 99
VENEZUELA	2398	320	172	6	65	563	24	43	36	75	154	7	2305 97
SOUTH AMERICA	11803	1915	1448	49	470	3882	34	130	267	439	836	7	11492 97
LATIN AMERICA	29207	3587	2424	181	967	7159	25	226	494	1067	1787	6	28535 98
BERMUDA	436	19	3	2	11	35	8	1	3	2	6	1	429 98
CANADA	10041	1434	1392	356	493	3675	38	60	203	15	278	3	9654 96
NORTH AMERICAN REGION	10477	1453	1395	358	504	3710	37	61	206	17	284	3	10083 96
NORTH AMERICA	10477	1453	1395	358	504	3710	37	61	206	17	284	3	10083 96
AUSTRALIA	853	134	242	22	79	477	58	8	29	1	38	5	824 97
NEW ZEALAND	364	50	87	7	22	166	46	1	4	0	5	1	359 99
AUSTRALIA + NEW ZEALAND	1217	184	329	29	101	643	54	9	33	1	43	4	1183 97
SOLOMON ISLANDS	5	1	0	0	0	1	25	0	0	0	0	0	4 80
COOK ISLANDS	3	0	0	0	0	0	0	0	0	0	0	0	3 100
FIJI	117	4	8	0	0	12	12	1	1	1	3	3	100 85
FRENCH POLYNESIA	53	1	0	0	1	2	4	2	0	5	7	13	53 100
KIRIBATI	15	0	0	0	0	0	0	0	0	13	13	87	15 100

LOCATION	ST3 TOTAL	ACADEMIC LEVEL: GRADUATE MASTERS NUM	GRADUATE DOCTOR NUM	GRADUATE PRF TRNG NUM	GRADUATE UNSPEC NUM	TOTAL PR TRNG NUM	TOTAL PR TRNG % ACD	OTHER NON DEG NUM	OTHER INT ENGL NUM	TOTAL NUM	TOTAL % ACD	ACADEMIC TOTAL	ACADEMIC % ST3
PAPUA-NEW GUINEA	14	4	2	0	0	5	45	0	0	0	0	13	93
NIUE	1	0	0	0	0	0	0	0	0	0	0	1	100
NORFOLK ISLAND	1	1	0	0	0	1	100	0	0	0	0	1	100
PACIFIC ISLANDS, TRUST TER.	770	9	3	1	1	14	2	0	2	10	12	2	712	92
TONGA	122	2	0	0	0	2	2	0	0	1	1	1	96	79
TUVALU	1	0	0	0	1	1	100	0	0	0	0	0	1	100
WESTERN SAMOA	96	6	2	0	0	8	9	0	1	0	1	1	94	98
PACIFIC OCEAN ISLAND AREAS	1198	28	15	1	3	47	4	3	4	30	37	3	1093	91
OCEANIA	2415	212	344	30	104	690	30	12	37	31	80	4	2276	96
ANTARCTICA	2	0	2	0	0	2	100	0	0	0	0	0	2	100
POLAR REGIONS	2	0	2	0	0	2	100	0	0	0	0	0	2	100
POLAR REGIONS	2	0	2	0	0	2	100	0	0	0	0	0	2	100
STATELESS	103	10	4	0	4	18	18	1	4	9	14	14	100	97
STATELESS REGION	103	10	4	0	4	18	18	1	4	9	14	14	100	97
STATELESS OR UNKNOWN	103	10	4	0	4	18	18	1	4	9	14	14	100	97
******** FINAL TOTALS *******	225999	43940	35096	1791	13261	94088	43	1902	4259	5967	12128	6	216300	96

D. Fields of Study

MAJOR FIELD-OF-STUDY CATEGORIES

AGRICULTURE
01 Agribusiness and Agricultural Production
02 Agricultural Sciences
03 Renewable Natural Resources

ARCHITECTURE AND ENVIRONMENTAL DESIGN
04 Architecture and Environmental Design

AREA AND ETHNIC STUDIES
05 Area and Ethnic studies

BUSINESS
06 Business and Management
07 Business and Office
08 Business and Distribution

COMMUNICATIONS
09 Communications
10 Communication Technologies

COMPUTER AND INFORMATION SCIENCES
11 Computer and Information Sciences

CONSUMER, PERSONAL AND MISCELLANEOUS SERVICES
12 Consumer, Personal and Miscellaneous Services

EDUCATION
13 Education

ENGINEERING
14 Engineering
15 Engineering and Engineering-Related Technologies

FOREIGN LANGUAGES
16 Foreign Languages

HEALTH
17 Allied Health
18 Health Science

HOME ECONOMICS
19 Home Economics
20 Vocational Home Economics

INDUSTRIAL ARTS
21 Industrial Arts

LAW
22 Law

LETTERS
23 Letters

LIBERAL/GENERAL STUDIES
24 Liberal/General Studies

LIBRARY AND ARCHIVAL SCIENCES
25 Library and Archival Sciences

LIFE SCIENCES
26 Life Sciences

MATHEMATICS
27 Mathematics

MILITARY SCIENCES
28 Military Sciences
29 Military Technologies

MULTI/INTERDISCIPLINARY STUDIES
30 Multi/Interdisciplinary Studies

PARKS AND RECREATION
31 Parks and Recreation

PERSONAL AND SOCIAL DEVELOPMENT
32 Basic Skills
33 Citizenship/Civic Activities
34 Health-Related Activities
35 Interpersonal Skills
36 Leisure and Recreational Activities
37 Personal Awareness

PHILOSOPHY, RELIGION AND THEOLOGY
38 Philosophy, Religion
39 Theology

PHYSICAL SCIENCES
40 Physical Sciences
41 Science Technology

PSYCHOLOGY
42 Psychology

PUBLIC AFFAIRS AND PROTECTIVE SERVICES
43 Protective Services
44 Public Affairs

SOCIAL SCIENCES
45 Social Sciences

TRADE AND INDUSTRIAL
46 Consumer Trades
47 Mechanics and Repairs
48 Precision Production
49 Transportation and Material Moving

VISUAL AND PREFORMING ARTS
50 Visual Arts

INTENSIVE ENGLISH LANGUAGE
60 Intensive English Language

UNDECLARED
90 Undeclared

DETAILED FIELD-OF-STUDY CATEGORIES

A classification of instructional programs produced by the National Center for Education Statistics

CODE	FIELD OF STUDY
01.0000	**AGRIBUSINESS AND AGRICULTURAL PRODUCTION**
01.0101	Agricultural business and management, general
01.0102	Agricultural business
01.0103	Agricultural economics
01.0104	Farm and ranch management
01.0199	Agricultural business and management, other
01.0201	Agricultural mechanics, general
01.0202	Agricultural electrification, power, and controls
01.0203	Agricultural mechanics, construction, and maintenance skills
01.0204	Agricultural power machinery
01.0205	Agricultural structures, equipment, and facilities
01.0206	Soil and water mechanical practices
01.0299	Agricultural mechanics, other
01.0301	Agricultural production, general
01.0302	Animal production
01.0303	Aquaculture
01.0304	Crop production
01.0305	Game farm management
01.0399	Agricultural production, other
01.0401	Agricultural products and processing, general
01.0402	Food products
01.0403	Nonfood products
01.0499	Agricultural products and processing, other
01.0501	Agricultural services and supplies, general
01.0502	Agricultural services
01.0503	Agricultural supplies marketing
01.0504	Animal grooming
01.0505	Animal training
01.0506	Horseshoing
01.0599	Agricultural services and supplies, other
01.0601	Horticulture, general
01.0602	Arboriculture
01.0603	Floriculture
01.0604	Greenhouse operation and management
01.0605	Landscaping
01.0606	Nursery operation and management
01.0607	Turf management
01.0699	Horticulture, other
01.0701	International agriculture
01.9999	Agribusiness and agricultural production, other
02.0000	**AGRICULTURAL SCIENCES**
02.0101	Agricultural sciences, general
02.0201	Animal sciences, general
02.0202	Animal breeding and genetics
02.0203	Animal health
02.0204	Animal nutrition
02.0205	Animal physiology
02.0206	Diary
02.0207	Fisheries science
02.0208	Livestock
02.0209	Poultry
02.0299	Animal sciences, other
02.0301	Food sciences, general
02.0302	Dairy processing
02.0303	Food distribution
02.0304	Food engineering
02.0305	Food packaging
02.0306	Food technology
02.0399	Food sciences, other
02.0401	Plant sciences, general
02.0402	Agronomy
02.0403	Horticulture science
02.0404	Ornamental horticulture
02.0405	Plant breeding and genetics
02.0406	Plant pathology (applied)
02.0407	Plant physiology
02.0408	Plant protection (pest management)
02.0409	Range management
02.0410	Turf management science
02.0499	Plant sciences, other
02.0501	Soil sciences, general
02.0502	Soil chemistry
02.0503	Soil conservation
02.0504	Soil management and fertility
02.0505	Soil microbiology
02.0506	Soil physics
02.0599	Soil sciences, other
02.9999	Agricultural sciences, other
03.0000	**RENEWABLE NATURAL RESOURCES**
03.0101	Renewable natural resources, general
03.0201	Conservation and regulation, general
03.0202	Conservation
03.0203	Resources protection and regulation
03.0299	Conservation and regulation, other
03.0301	Fishing and fisheries, general
03.0302	Fisheries
03.0399	Fishing and fisheries, other
03.0401	Forestry production and processing, general
03.0402	Forest production
03.0403	Forest products utilization
03.0404	Forest products processing technology
03.0405	Logging
03.0406	Pulp and paper production
03.0499	Forestry production and processing, other
03.0501	Forestry and related sciences, general
03.0502	Forestry science
03.0503	Forest biology
03.0504	Forest engineering
03.0505	Forest hydrology
03.0506	Forest management
03.0507	Forest mensuration
03.0508	Urban forestry
03.0509	Wood science
03.0599	Forestry and related sciences, other
03.0601	Wildlife management
03.9999	Renewable natural resources, other
04.0000	**ARCHITECTURE AND ENVIRONMENTAL DESIGN**
04.0101	Architecture and environmental design, general
04.0201	Architecture
04.0301	City, community, and regional planning
04.0401	Environmental design
04.0501	Interior design
04.0601	Landscape architecture
04.0701	Urban design
04.9999	Architecture and environmental design, other
05.0000	**AREA AND ETHNIC STUDIES**
05.0101	African studies
05.0102	American studies
05.0103	Asian studies, general
05.0104	East Asian studies
05.0105	Eastern European studies
05.0106	European studies, general

05.0107 Latin American studies
05.0108 Middle Eastern studies
05.0109 Pacific area studies
05.0110 Russian and Slavic studies
05.0111 Scandinavian studies
05.0112 South Asian studies
05.0113 Southeast Asian studies
05.0114 Western European studies
05.0199 Areas studies, other
05.0201 Afro-American (black) studies
05.0202 American Indian studies
05.0203 Hispanic-American studies
05.0204 Islamic studies
05.0205 Jewish studies
05.0299 Ethnic studies, other
05.9999 Area and ethnic studies, other

06.0000 BUSINESS AND MANAGEMENT
06.0101 Business and management, general
06.0201 Accounting
06.0301 Banking and finance
06.0401 Business administration and management, general
06.0402 Contract management and procurement/purchasing
06.0403 Product management
06.0404 Systems efficiency analysis
06.0499 Business administration and management, other
06.0501 Business economics
06.0601 Human resources development
06.0701 Hotel/motel management
06.0702 Recreational enterprises management
06.0703 Resort management
06.0704 Restaurant management
06.0705 Transportation management
06.0799 Institutional management, other
06.0801 Insurance and risk management
06.0901 International business management
06.1001 Investments and securities
06.1101 Labor/industrial relations
06.1201 Management information systems
06.1301 Business statistics
06.1302 Operations research (quantitative methods)
06.1399 Management science, other
06.1401 Marketing management
06.1402 Marketing research
06.1499 Marketing management and research, other
06.1501 Organizational behavior
06.1601 Personnel management
06.1701 Real estate, general
06.1702 Commercial property
06.1703 Property management
06.1704 Real estate appraisal
06.1705 Real estate finance
06.1706 Real estate law
06.1707 Residential property
06.1799 Real estate, other
06.1801 Small business management
06.1802 Small business ownership
06.1899 Small business management and ownership, other
06.1901 Taxation
06.2001 Trade and industrial supervision and management
06.9999 Business and management, other

07.0000 BUSINESS AND OFFICE
07.0101 Accounting, bookkeeping, and related programs, general
07.0102 Accounting and computing
07.0103 Bookkeeping
07.0104 Machine billing, bookkeeping, and computing
07.0199 Accounting, bookkeeping, and related programs, other
07.0201 Banking and related financial programs, general
07.0202 Credit collection clerk
07.0203 Insurance clerk
07.0204 Loan clerk
07.0205 Teller
07.0206 Transit clerk
07.0299 Banking and related financial programs, other
07.0300 Business data processing and related programs
07.0301 Business data processing and related programs, general
07.0302 Business computer and console operation
07.0303 Business data entry equipment operation
07.0304 Business data peripheral equipment operation
07.0305 Business data programming
07.0306 Business systems analysis
07.0399 Business data processing and related programs, other
07.0401 Office supervision and management
07.0501 Personnel and training programs, general
07.0502 Educational assisting and training
07.0503 Personnel assisting
07.0599 Personnel and training programs, other
07.0601 Secretarial and related programs, general
07.0602 Court reporting
07.0603 Executive secretarial
07.0604 Legal secretarial
07.0605 Medical secretarial
07.0606 Secretarial
07.0607 Stenographic
07.0608 Word processing
07.0699 Secretarial and related programs, other
07.0701 Typing, general office, and related programs, general
07.0702 Clerk-typist
07.0703 Correspondence clerk
07.0704 Duplicating machine operation
07.0705 General office clerk
07.0706 Mail and order clerk
07.0707 Receptionist and communication systems operation
07.0708 Shipping, receiving, and stock clerk
07.0709 Traffic, rate, and transportation clerk
07.0710 Typing
07.0799 Typing, general office, and related programs, other
07.9999 Business and office, other

08.0000 MARKETING AND DISTRIBUTION
08.0101 Apparel and accessories marketing, general
08.0102 Fashion merchandising
08.0103 Fashion modeling
08.0104 Footwear marketing
08.0105 Jewelry marketing
08.0199 Apparel and accessories marketing, other
08.0201 Business and personal services marketing, other
08.0202 Display
08.0203 Marketing of business or personal services
08.0299 Business and personal services marketing, other
08.0301 Entrepreneurship, general
08.0401 Financial services marketing, general
08.0402 Banking marketing
08.0403 Credit marketing
08.0404 Credit union marketing
08.0405 Savings and loan marketing
08.0406 Securities and commodities marketing
08.0499 Financial services marketing, other
08.0501 Floristry, farm, and garden supplies marketing, general
08.0502 Farm and garden supplies marketing
08.0503 Floristry
08.0599 Floristry, farm, and garden supplies marketing, other
08.0601 Food marketing, general
08.0602 Convenience store marketing
08.0603 Specialty foods marketing
08.0604 Supermarket marketing
08.0605 Wholesale food marketing
08.0699 Food marketing, other
08.0701 Auctioneering
08.0702 Industrial sales
08.0703 International marketing
08.0704 Purchasing
08.0705 Retailing
08.0706 Sales
08.0707 Wholesaling
08.0799 General marketing, other
08.0801 Home and office products marketing, general
08.0802 Appliance marketing
08.0803 Building materials marketing
08.0804 Floor coverings, draperies, and upholstery marketing
08.0805 Furniture marketing
08.0806 Hardware marketing
08.0807 Office products and equipment marketing
08.0808 Specialty home furnishing marketing
08.0899 Home and office products marketing, other
08.0901 Hospitality and recreation marketing, general
08.0902 Marketing of hotel/motel services
08.0903 Marketing of recreational services
08.0904 Recreational products marketing

08.0905 Waiter/waitress and related services
08.0999 Hospitality and recreation marketing, other
08.1001 Insurance marketing, general
08.1002 Accident and health insurance marketing
08.1003 Life insurance marketing
08.1004 Property and casualty insurance marketing
08.1099 Insurance marketing, other
08.1101 Transportation and travel marketing, general
08.1102 Freight transportation marketing
08.1103 Passenger transportation marketing
08.1104 Tourism
08.1105 Travel services marketing
08.1106 Warehouse services marketing
08.1199 Transportation and travel marketing, other
08.1201 Vehicles and petroleum marketing, general
08.1202 Agricultural implements and machinery marketing
08.1203 Automotive vehicles and accessories marketing
08.1204 Petroleum wholesaling
08.1205 Recreational vehicles and accessories marketing
08.1206 Service station retailing
08.1207 Vehicle rental and leasing
08.1299 Vehicles and petroleum marketing, other
08.9999 Marketing and distribution, other

09.0000 COMMUNICATIONS
09.0101 Communications, general
09.0201 Advertising
09.0301 Communications research
09.0401 Journalism (mass communications)
09.0501 Public relations
09.0601 Radio/television news broadcast
09.0701 Radio/television, general
09.9999 Communications, other

10.0000 COMMUNICATION TECHNOLOGIES
10.0101 Educational media technology
10.0102 Motion picture technology
10.0103 Photographic technology
10.0104 Radio and television production and broadcasting technology
10.0199 Communication technologies, other

11.0000 COMPUTER AND INFORMATION SCIENCES
11.0101 Computer and information sciences, general
11.0201 Computer programming
11.0301 Data processing
11.0401 Information sciences and systems
11.0501 Systems analysis
11.9999 Computer and information sciences, other

12.0000 CONSUMER, PERSONAL, AND MISCELLANEOUS SERVICES
12.0101 Drycleaning and laundering services, general
12.0102 Drycleaning
12.0103 Laundering
12.0199 Drycleaning and laundering services, other
12.0201 Entertainment services, general
12.0202 Bartending
12.0203 Card dealing
12.0204 Umpiring
12.0299 Entertainment services, other
12.0301 Funeral services
12.0401 Personal services, general
12.0402 Barbering
12.0403 Cosmetology
12.0404 Electrolysis
12.0405 Massage
12.0499 Personal services, other
12.9999 Consumer, personal, and miscellaneous services, other

13.0000 EDUCATION
13.0101 Education, general
13.0201 Bilingual/bicultural education
13.0301 Curriculum and instruction
13.0401 Education administration, general
13.0402 Administration of special education
13.0403 Adult and continuing education administration
13.0404 Educational supervision
13.0405 Elementary and secondary education administration
13.0406 Higher education administration
13.0407 Community college education administration
13.0499 Education administration, other
13.0501 Educational media
13.0601 Evaluation and research, general
13.0602 Adult and continuing education research
13.0603 Educational statistics and research
13.0604 Educational testing, evaluation, and measurement
13.0605 Elementary and secondary research
13.0606 Higher education research
13.0699 Evaluation and research, other
13.0701 International and comparative education
13.0801 School psychology
13.0901 Social foundations
13.1001 Special education, general
13.1002 Education of the culturally disadvantaged
13.1003 Education of the deaf and hearing impaired
13.1004 Education of the gifted and talented
13.1005 Education of the emotionally handicapped
13.1006 Education of the mentally handicapped
13.1007 Education of the multiple handicapped
13.1008 Education of the physically handicapped
13.1009 Education of the visually handicapped
13.1010 Remedial education
13.1011 Specific learning disabilities
13.1012 Speech correction
13.1099 Special education, other
13.1101 Student counseling and personnel services
13.1201 Adult and continuing education
13.1202 Elementary education
13.1203 Junior high education
13.1204 Pre-elementary education
13.1205 Secondary education
13.1299 Teacher education, general programs, other
13.1301 Agricultural education
13.1302 Art education
13.1303 Business education
13.1304 Driver and safety education
13.1305 English education
13.1306 Foreign languages education
13.1307 Health education
13.1308 Home economics education
13.1309 Industrial arts education
13.1310 Marketing and distributive education
13.1311 Mathematics education
13.1312 Music education
13.1313 Nutritional education
13.1314 Physical education
13.1315 Reading education
13.1316 Science education
13.1317 Social science education
13.1318 Social studies education
13.1319 Technical education
13.1320 Trade and industrial education
13.1399 Teacher education, specific subject areas, other
13.1401 Teaching English as a second language/foreign language
13.9999 Education, other

14.0000 ENGINEERING
14.0101 Engineering, general
14.0201 Aerospace, aeronautical, and astronautical engineering
14.0301 Agricultural engineering
14.0401 Architectural engineering
14.0501 Bioengineering and biomedical engineering
14.0601 Ceramic engineering
14.0701 Chemical engineering
14.0801 Civil engineering
14.0901 Computer engineering
14.1001 Electrical, electronics, and communications engineering
14.1101 Engineering mechanics
14.1201 Engineering physics
14.1301 Engineering science
14.1401 Environmental health engineering
14.1501 Geological engineering
14.1601 Geophysical engineering
14.1701 Industrial engineering
14.1801 Materials engineering
14.1901 Mechanical engineering
14.2001 Metallurgical engineering
14.2101 Mining and mineral engineering
14.2201 Naval architecture and marine engineering
14.2301 Nuclear engineering
14.2401 Ocean engineering

14.2501 Petroleum engineering
14.2601 Surveying and mapping sciences
14.2602 Cartography
14.2701 Systems engineering
14.2801 Textile engineering
14.9999 Engineering, other

15.0000 ENGINEERING AND ENGINEERING-RELATED TECHNOLOGIES
15.0101 Architectural design and construction technology
15.0102 Architectural interior design technology
15.0199 Architectural technologies, other
15.0201 Civil technology
15.0202 Drafting and design technology
15.0203 Surveying and mapping technology
15.0204 Urban planning technology
15.0299 Civil technologies, other
15.0301 Computer technology
15.0302 Electrical technology
15.0303 Electronic technology
15.0304 Laser electro-optic technology
15.0399 Electrical and electronic technologies, other
15.0401 Biomedical equipment technology
15.0402 Computer servicing technology
15.0403 Electromechanical technology
15.0404 Instrumentation technology
15.0499 Electromechanical instrumentation and maintenance technologies, other
15.0501 Air conditioning, heating, and refrigeration technology
15.0502 Air pollution control technology
15.0503 Energy conservation and use technology
15.0504 Sanitation technology
15.0505 Solar heating and cooling technology
15.0506 Water and wastewater technology
15.0599 Environmental control technologies, other
15.0601 Chemical manufacturing technology
15.0602 Food processing technology
15.0603 Industrial technology
15.0604 Manufacturing technology
15.0605 Marine products technology
15.0606 Optical technology
15.0607 Plastic technology
15.0608 Safety technology
15.0609 Textile technology
15.0610 Welding technology
15.0699 Industrial production technologies, other
15.0701 Occupational safety and health technologies, other
15.0702 Quality control technology
15.0799 Quality control and safety technologies, other
15.0801 Aeronautical technology
15.0802 Agricultural equipment technology
15.0803 Automotive technology
15.0804 Marine propulsion technology
15.0805 Mechanical design technology
15.0899 Mechanical and related technologies, other
15.0901 Coal mining technology
15.0902 Mining (excluding coal) technology
15.0903 Petroleum technology
15.0999 Mining and petroleum technologies, other
15.9999 Engineering and engineering-related technologies, other

16.0000 FOREIGN LANGUAGES
16.0101 Foreign languages, multiple emphasis
16.0201 African (non-semitic) languages
16.0301 Chinese
16.0302 Japanese
16.0303 Korean
16.0399 Asiatic languages, other
16.0401 Baltic languages
16.0402 Russian
16.0403 Slavic languages, (other than Russian)
16.0501 German
16.0502 Scandinavian languages
16.0503 Yiddish
16.0599 Germanic languages, other
16.0601 Greek (classical)
16.0602 Greek (modern)
16.0701 Hindi
16.0702 Sanskrit
16.0799 Indic languages, other
16.0801 Iranian languages
16.0901 French
16.0902 Italian
16.0903 Latin
16.0904 Portuguese
16.0905 Spanish
16.0999 Italic languages, other
16.1001 Native American languages
16.1101 Arabic
16.1102 Hebrew
16.1199 Semitic languages, other
16.9999 Foreign languages, other

17.0000 ALLIED HEALTH
17.0101 Dental assisting
17.0102 Dental hygiene
17.0103 Dental laboratory technology
17.0199 Dental services, other
17.0201 Cardiopulmonary technology
17.0202 Dialysis technology
17.0203 Electrocardiographic technology
17.0204 Electroencephalogram technology
17.0205 Emergency medical technology – ambulance
17.0206 Emergency medical technology – paramedic
17.0207 Medical radiation dosimetry
17.0208 Nuclear medical technology
17.0209 Radiograph medical technology
17.0210 Respiratory therapy technology
17.0211 Surgical technology
17.0212 Ultrasound technology
17.0299 Diagnostic and treatment services, other
17.0301 Blood bank technology
17.0302 Chemistry technology
17.0303 Clinical animal technology
17.0304 Clinical laboratory aide
17.0305 Clinical laboratory assisting
17.0306 Cytotechnology
17.0307 Hematology technology
17.0308 Histologic technology
17.0309 Medical laboratory technology
17.0310 Medical technology
17.0311 Microbiology technology
17.0399 Medical laboratory technologies, other
17.0401 Alcohol/drug abuse specialty
17.0402 Community health work
17.0403 Genetic counseling
17.0404 Home health aide
17.0405 Mental health/human services assisting
17.0406 Mental health/human services technology
17.0407 Rehabilitation counseling
17.0408 Therapeutic child care work
17.0499 Mental health/human services, other
17.0501 Animal technology
17.0502 Central supply technology
17.0503 Medical assisting
17.0504 Medical illustrating
17.0505 Medical office management
17.0506 Medical records technology
17.0507 Pharmacy assisting
17.0508 Physician assisting – primary care
17.0509 Physician assisting – specialty
17.0510 Podiatric assisting
17.0511 Veterinarian aide
17.0512 Veterinarian assisting
17.0513 Ward clerk
17.0599 Miscellaneous allied health services, other
17.0601 Geriatric aide
17.0602 Nursing assisting
17.0603 Obstetrical technology
17.0604 Pediatric aide
17.0605 Practical nursing
17.0606 Ward service management
17.0699 Nursing-related services, other
17.0701 Ophthalmic dispensing
17.0702 Ophthalmic laboratory technology
17.0703 Ophthalmic medical assisting
17.0704 Optometric assisting
17.0705 Optometric technology
17.0706 Orthoptics
17.0799 Ophthalmic services, other

17.0801 Art therapy
17.0802 Corrective therapy
17.0803 Dance therapy
17.0804 Exercise physiology
17.0805 Manual arts therapy
17.0806 Music therapy
17.0807 Occupational therapy
17.0808 Occupational therapy assisting
17.0809 Occupational therapy aide
17.0810 Orthotic/prosthetic assisting
17.0811 Orthotics/prosthetics
17.0812 Orthopedic assisting
17.0813 Physical therapy
17.0814 Physical therapy aide
17.0815 Physical therapy assisting
17.0816 Recreational therapy
17.0817 Recreational therapy technology
17.0818 Respiratory therapy
17.0819 Respiratory therapy assisting
17.0820 Speech/hearing therapy aide
17.0821 Speech-language pathology/audiology
17.0899 Rehabilitation services, other
17.0999 Allied health, other

18.0000 HEALTH SCIENCES
18.0101 Audiology
18.0102 Speech pathology
18.0103 Speech pathology/audiology
18.0199 Audiology and speech pathology, other
18.0201 Clinical anatomy
18.0202 Clinical biochemistry
18.0203 Clinical microbiology
18.0204 Clinical pathology
18.0205 Physiology
18.0299 Basic clinical health sciences, other
18.0301 Chiropractic
18.0401 Dentistry, general
18.0402 Dental public health
18.0403 Endodontics
18.0404 Oral/maxial facial surgery
18.0405 Oral pathology
18.0406 Orthodontics
18.0407 Pedodontics
18.0408 Periodontics
18.0409 Prosthodontics
18.0499 Dentistry, other
18.0501 Emergency/disaster science
18.0601 Epidemiology
18.0701 Health care administration
18.0702 Health care planning
18.0703 Medical records administration
18.0799 Health sciences administration, other
18.0801 Hematology
18.0901 Medical laboratory
18.1001 Medicine, general
18.1002 Allergies and endomology
18.1003 Anesthesiology
18.1004 Colon and rectal surgery
18.1005 Dermatology
18.1006 Emergency medicine
18.1007 Family practice
18.1008 Geriatrics
18.1009 Immunology
18.1010 Internal medicine
18.1011 Neurological surgery
18.1012 Nuclear medicine
18.1013 Obstetrics and gynecology
18.1014 Ophthalmology
18.1015 Orthodontic surgery
18.1016 Othopedic
18.1017 Otorhinolaryngology otolaryngology
18.1018 Pathology
18.1019 Pediatrics
18.1020 Physical medicine and rehabilitation
18.1021 Plastic surgery
18.1022 Preventive medicine
18.1023 Psychiatry
18.1024 Neurology
18.1025 Radiology
18.1026 Surgery
18.1027 Thoracic surgery
18.1028 Urology
18.1099 Medicine, other
18.1101 Nursing, general
18.1102 Anesthetist
18.1103 Maternal child health
18.1104 Medical surgical
18.1105 Nursing administration
18.1106 Psychiatric mental health
18.1107 Public health
18.1199 Nursing, other
18.1201 Optometry
18.1301 Osteopathic medicine
18.1401 Pharmacy
18.1501 Podiatry
18.1601 Population and family planning
18.1701 Pre-dentistry
18.1801 Pre-medicine
18.1901 Pre-pharmacy
18.2001 Pre-veterinary
18.2101 Prosectorial science
18.2201 Public health laboratory science
18.2301 Toxicology (clinical)
18.2401 Veterinary medicine
18.2501 Public health (general)
18.9999 Health sciences, other

19.0000 HOME ECONOMICS
19.0101 Home economics, general
19.0201 Business home economics
19.0301 Family and community services, general
19.0302 Nonformal education (extension, adult/extended)
19.0303 Family services
19.0399 Family and community services, other
19.0401 Family/consumer resource management, general
19.0402 Consumer science
19.0403 Family economics
19.0499 Family/consumer resource management, other
19.0501 Food sciences and human nutrition, general
19.0502 Food/food sciences
19.0503 Dietetics/human nutritional services
19.0504 Human nutrition
19.0599 Food sciences and human nutrition, other
19.0601 Human environment and housing, general
19.0602 Household equipment
19.0603 Housing
19.0699 Human environment and housing, other
19.0701 Individual and family development, general
19.0702 Adult development
19.0703 Family counseling
19.0704 Family relations
19.0705 Geriatric services
19.0799 Individual and family development, other
19.0801 International/comparative home economics
19.0901 Textiles and clothing, general
19.0902 Fashion design
19.0903 Textiles and clothing, retail
19.0904 Textile science
19.0999 Textiles and clothing, other
19.9999 Home economics, other

20.0000 VOCATIONAL HOME ECONOMICS
20.0101 Comprehensive consumer and homemaking home economics
20.0102 Child development, care, and guidance
20.0103 Clothing and textiles
20.0104 Consumer education
20.0105 Exploratory homemaking
20.0106 Family/individual health
20.0107 Family living and parenthood
20.0108 Food and nutrition
20.0109 Home management
20.0110 Housing, home furnishing, and equipment
20.0199 Consumer and homemaking home economics, other
20.0201 Child care and guidance management and services, general
20.0202 Child care aide/assisting
20.0203 Child care management
20.0204 Foster care/family care
20.0205 Teacher aide
20.0299 Child care and guidance management and services, other
20.0301 Clothing, apparel, and textiles management, production, and

services, general
20.0302 Clothing maintenance aide
20.0303 Commercial garment and apparel construction
20.0304 Custom apparel/garment seamstress
20.0305 Custom tailoring and alteration
20.0306 Fashion/fabric coordination
20.0307 Textiles testing
20.0308 Wedding/specialty consulting
20.0399 Clothing, apparel, and textiles management, production, and services, other
20.0401 Food production, management and services, general
20.0402 Baking
20.0403 Chef/cook
20.0404 Dietetic aide/assisting
20.0405 Food catering
20.0406 Food service
20.0407 Food testing
20.0408 School food service
20.0499 Food production, management, and services, other
20.0501 Home furnishing and equipment management, production, and services, general
20.0502 Custom drapery and window treatment design/making
20.0503 Custom slipcovering and upholstering
20.0504 Floral design
20.0505 Home decorating
20.0506 Home furnishings aide
20.0507 Home-service assisting
20.0599 Home furnishings and equipment management, production, and services, other
20.0601 Institutional, home management, and supporting programs, general
20.0602 Companion to the aged
20.0603 Consumer aide/assisting
20.0604 Custodial services
20.0605 Executive housekeeping
20.0606 Homemaker's aide
20.0607 Therapeutic recreation aide
20.0699 Institutional, home management, and supporting services, other
20.9999 Vocational home economics, other

21.0000 INDUSTRIAL ARTS
21.0101 Industrial arts, general
21.0102 Construction
21.0103 Drafting and design
21.0104 Electricity/electronics
21.0105 Energy, power, and transportation
21.0106 Graphic arts
21.0107 Manufacturing/materials processing
21.0199 Industrial arts, other

22.0000 LAW
22.0101 Law
22.0102 Pre-law
22.0103 Legal assisting
22.0199 Law, other

23.0000 LETTERS
23.0101 English, general
23.0201 Classics
23.0301 Comparative literature
23.0401 Composition
23.0501 Creative writing
23.0601 Linguistics (includes phonetics, semantics, and philology)
23.0701 Literature, American
23.0801 Literature, English
23.0901 Rhetoric
23.1001 Speech, debate and forensics
23.1101 Technical and business writing
23.9999 Letters, other

24.0101 LIBERAL/GENERAL STUDIES
24.0199 Liberal/general studies, other

25.0000 LIBRARY AND ARCHIVAL SCIENCES
25.0101 Library and archival sciences, general
25.0201 Archival science
25.0301 Library assisting
25.0401 Library science
25.0501 Museology
25.9999 Library and archival sciences, other

26.0000 LIFE SCIENCES
26.0101 Biology, general
26.0201 Biochemistry and biophysics
26.0301 Botany, general
26.0302 Bacteriology
26.0303 Mycology
26.0304 Plant genetics
26.0305 Plant pathology
26.0306 Plant pharmacology
26.0307 Plant physiology
26.0399 Botany, other
26.0401 Cell biology
26.0402 Molecular biology
26.0499 Cell and molecular biology, other
26.0501 Microbiology
26.0601 Anatomy
26.0602 Biometrics and biostatistics
26.0603 Ecology
26.0604 Embryology
26.0605 Endocrinology
26.0606 Histology
26.0607 Marine biology
26.0608 Neurosciences
26.0609 Nutritional sciences
26.0610 Parasitology
26.0611 Radiobiology
26.0612 Toxicology
26.0699 Miscellaneous specialized areas, life sciences, other
26.0701 Zoology, general
26.0702 Entomology
26.0703 Genetics, human and animal
26.0704 Pathology, human and animal
26.0705 Pharmacology, human and animal
26.0706 Physiology, human and animal
26.0799 Zoology, other
26.9999 Life sciences, other

27.0000 MATHEMATICS
27.0101 Mathematics, general
27.0201 Actuarial sciences
27.0301 Applied mathematics
27.0401 Pure mathematics
27.0501 Statistics
27.9999 Mathematics, other

28.0000 MILITARY SCIENCES
28.0101 Aerospace science (Air Force)
28.0201 Coast Guard science
28.0301 Military science (Army)
28.0401 Naval science (Navy, Marines)
28.9999 Military sciences, other

29.0101 MILITARY TECHNOLOGIES
29.0199 Military technologies, other

30.0000 MULTI/INTERDISCIPLINARY STUDIES
30.0101 Biological and physical sciences
30.0201 Clinical pastoral care
30.0301 Engineering and other disciplines
30.0401 Humanities and social sciences
30.0501 Peace studies
30.0601 Systems science
30.0701 Women's studies
30.9999 Multi/interdisciplinary studies, other

31.0000 PARKS AND RECREATION
31.0101 Parks and recreation, general
31.0201 Outdoor recreation
31.0301 Parks and recreation management
31.0401 Water resources
31.9999 Parks and recreation, other

32.0000 BASIC SKILLS
32.0101 Basic skills, general
32.0102 Academic and intellectual skills
32.0103 Communication skills
32.0104 Computational skills
32.0105 Job-seeking/changing skills

32.0106 Motor skills
32.0199 Basic skills, other

33.0000 CITIZENSHIP/CIVIC ACTIVITIES
33.0101 Citizenship/civic activities, general
33.0102 American citizenship
33.0103 Civic appreciation
33.0104 Civic participation

34.0000 HEALTH-RELATED ACTIVITIES
34.0101 Health-related activities, general
34.0102 Birth-related health practices
34.0103 Health enhancement practices
34.0104 Health treatment/prevention practices
34.0199 Health-related activities, other

35.0000 INTERPERSONAL SKILLS
35.0101 Interpersonal skills, general
35.0102 Building human relationships
35.0103 Perception of others
35.0104 Special role engineering
35.0199 Interpersonal skills, other

36.0000 LEISURE AND RECREATIONAL ACTIVITIES
36.0101 Leisure and recreational activities, general
36.0102 Crafts (leisure and recreational)
36.0103 Games
36.0104 Hobbies
36.0105 Housing/home maintenance
36.0106 Nature appreciation
36.0107 Pet care
36.0108 Sports/physical education
36.0109 Travel
36.0199 Leisure and recreational activities, other

37.0000 PERSONAL AWARENESS
37.0101 Personal awareness, general
37.0102 Coping skills
37.0103 Personal decision making
37.0104 Self-perception
37.0105 Values, attitudes, and beliefs
37.0199 Personal awareness, other

38.0000 PHILOSOPHY AND RELIGION
38.0101 Philosophy
38.0201 Religion
38.9999 Philosophy and religion, other

39.0000 THEOLOGY
39.0101 Biblical languages
39.0201 Bible studies
39.0301 Missionary studies
39.0401 Religious education
39.0501 Religious music
39.0601 Theological studies
39.9999 Theology, other

40.0000 PHYSICAL SCIENCES
40.0101 Physical sciences, general
40.0201 Astronomy
40.0301 Astrophysics
40.0401 Atmospheric sciences and meterology
40.0501 Chemistry, general
40.0502 Analytical chemistry
40.0503 Inorganic chemistry
40.0504 Organic chemistry
40.0505 Pharmaceutical chemistry
40.0506 Physical chemistry
40.0599 Chemistry, other
40.0601 Geology
40.0602 Geochemistry
40.0603 Geophysics and seismology
40.0604 Paleontology
40.0699 Geological sciences, other
40.0701 Metallurgy
40.0702 Oceanography
40.0703 Earth science
40.0799 Miscellaneous physical sciences, other
40.0801 Physics, general
40.0802 Atomic/molecular physics
40.0803 Electron physics
40.0804 Elementary particle physics
40.0805 Fluids and plasmas
40.0806 Nuclear physics
40.0807 Optics
40.0808 Solid state physics
40.0899 Physics, other
40.0901 Planetary science
40.0999 Physical sciences, other

41.0000 SCIENCE TECHNOLOGIES
41.0101 Biological laboratory technology
41.0102 Oceanographic (biological) technology
41.0199 Biological technologies, other
41.0201 Nuclear materials handling technology
41.0202 Nuclear power plant operation technology
41.0203 Nuclear power plant radiation control technology
41.0204 Radiologic (physical) technology
41.0299 Nuclear technologies, other
41.0301 Chemical technology
41.0302 Geological technology
41.0303 Metallurgical technology
41.0304 Meteorological technology
41.0305 Oceanographic (physical) technology
41.0399 Physical science technologies, other
41.9999 Science technologies, other

42.0000 PSYCHOLOGY
42.0101 Psychology, general
42.0201 Clinical psychology
42.0301 Cognitive psychology
42.0401 Community psychology
42.0501 Comparative psychology
42.0601 Counseling psychology
42.0701 Developmental psychology
42.0801 Experimental psychology
42.0901 Industrial and organizational psychology
42.1001 Personality psychology
42.1101 Physiological psychology
42.1201 Psycholinguistics
42.1301 Psychometrics
42.1401 Psychopharmacology
42.1501 Quantitative psychology
42.1601 Social psychology
42.9999 Psychology, other

43.0000 PROTECTIVE SERVICES
43.0101 Correctional administration
43.0102 Corrections
43.0103 Criminal justice administration
43.0104 Criminal justice studies
43.0105 Criminal justice technology
43.0106 Forensic studies
43.0107 Law enforcement
43.0108 Law enforcement administration
43.0109 Security services
43.0199 Criminal justice, other
43.0201 Fire control and safety technology
43.0202 Fire protection administration
43.0203 Firefighting
43.0299 Fire protection, other
43.9999 Protective services, other

44.0000 PUBLIC AFFAIRS
44.0101 Public affairs, general
44.0201 Community services
44.0301 International public service
44.0401 Public administration
44.0501 Public policy studies
44.0601 Public sanitation
44.0602 Public transportation
44.0603 Public utilities
44.0699 Public works, other
44.0701 Social work, general
44.0702 Medical social work
44.0799 Social work, other
44.9999 Public affairs, other

45.0000 SOCIAL SCIENCES
45.0101 Social sciences, general

45.0201 Anthropology
45.0301 Archeology
45.0401 Criminology
45.0501 Demography
45.0601 Economics
45.0701 Geography
45.0801 History
45.0901 International relations
45.1001 Political science and government
45.1101 Sociology
45.1201 Urban studies
45.9999 Social sciences, other

46.0000 CONSTRUCTION TRADES
46.0101 Brickmasonry, stonemasonry, and tile setting, general
46.0102 Brick, block, and stonemasonry
46.0103 Tile setting
46.0199 Brickmasonry, stonemasonry, and tile setting, other
46.0201 Carpentry
46.0301 Electrical and power transmission installation, general
46.0302 Electrician
46.0303 Lineworker
46.0399 Electrical and power transmission installation, other
46.0401 Building maintenance
46.0402 Concrete placing and finishing
46.0403 Construction inspection
46.0404 Drywall installation
46.0405 Floor covering installation
46.0406 Glazing
46.0407 Insulation installation
46.0408 Painting and decorating
46.0409 Plastering
46.0410 Roofing
46.0411 Terrazzo installation
46.0499 Miscellaneous construction trades, other
46.0501 Plumbing, pipefitting, and steamfitting, general
46.0502 Pipefitting and steamfitting
46.0503 Plumbing
46.0599 Plumbing, pipefitting, and steamfitting, other
46.9999 Construction trades, other

47.0000 MECHANICS AND REPAIRS
47.0101 Electrical and electronics equipment repair, general
47.0102 Business machine repair
47.0103 Communication electronics
47.0104 Computer electronics
47.0105 Industrial electronics
47.0106 Major appliance repair
47.0107 Motor repair
47.0108 Small appliance repair
47.0109 Vending and recreational machine repair
47.0199 Electrical and electronics equipment repair, other
47.0201 Heating, air conditioning, and refrigeration mechanics, general
47.0202 Cooling and refrigeration
47.0203 Heating and airconditioning
47.0299 Heating, air conditioning, and refrigeration mechanics, other
47.0301 Industrial equipment maintenance and repair, general
47.0302 Heavy equipment maintenance and repair
47.0303 Industrial machinery maintenance and repair
47.0304 Mine equipment maintenance and repair
47.0305 Oil and gas drilling equipment operation and maintenance
47.0399 Industrial equipment maintenance and repair, other
47.0401 Electromechanical, hydraulic, and pneumatic instrument repair
47.0402 Gunsmithing
47.0403 Locksmithing and safe repair
47.0404 Musical instrument repair
47.0405 Operation, maintenance, and repair of audio-visual equipment
47.0406 Shoe and boot repair
47.0407 Sporting goods equipment repair
47.0408 Watch repair
47.0499 Miscellaneous mechanics and repairers, other
47.0501 Stationary energy sources, general
47.0502 Conventional electric power generation
47.0503 Industrial nuclear energy
47.0504 Pumping plants
47.0599 Stationary energy sources, other
47.0601 Vehicle and mobile equipment mechanics and repairers, general
47.0602 Aircraft mechanics
47.0603 Automotive body repairs
47.0604 Automotive mechanics
47.0605 Diesel engine mechanics
46.0606 Small engine repair
47.0699 Vehicle and mobile equipment mechanics and repairers, other
47.9999 Mechanics and repairers, other

48.0000 PRECISION PRODUCTION
48.0101 Drafting, general
48.0102 Architectural drafting
48.0103 Civil/structural drafting
48.0104 Electrical/electronics drafting
48.0105 Mechanical drafting
48.0199 Drafting, other
48.0201 Graphic and printing communications, general
48.0202 Bookbinding
48.0203 Commercial art
48.0204 Commercial photography
48.0205 Composition, make-up, and typesetting
48.0206 Lithography, photography, and platemaking
48.0207 Photographic laboratory and darkroom
48.0208 Printing press operations
48.0209 Silk screen making and printing
48.0299 Graphic and printing communications, other
48.0301 Leathermaking and upholstering, general
48.0302 Saddlemaking and repair
48.0303 Upholstering
48.0399 Leatherworking and upholstering, other
48.0401 Precision food production, general
48.0402 Meatcutting
48.0403 Slaughtering and butchering
48.0499 Precision food production, other
48.0501 Precision metal work, general
48.0502 Foundary work
48.0503 Machine tool operation/machine shop
48.0504 Metal fabrication
48.0505 Metal patternmaking
48.0506 Sheet metal
48.0507 Tool and die making
48.0508 Welding, brazing, and soldering
48.0599 Precision metal work, other
48.0601 Industrial ceramics manufacturing
48.0602 Jewelry design, fabrication, and repair
48.0603 Optical goods work
48.0604 Plastics
48.0699 Precision work, assorted materials, other
48.0701 Woodworking, general
48.0702 Furnniture making
48.0703 Millwork and cabinet making
48.0799 Woodworking, other
48.9999 Precision products, other

49.0000 TRANSPORTATION AND MATERIAL MOVING
49.0101 Air transportation, general
49.0102 Airplane piloting and navigation
49.0103 Aviation computer technology
49.0104 Aviation management
49.0105 Air traffic control
49.0106 Flight attendants
49.0199 Air transportation, other
49.0201 Vehicle and equipment operation, general
49.0202 Construction equipment operation
49.0203 Material handling
49.0204 Mining equipment operation
49.0205 Truck and bus driving
49.0299 Vehicle and equipment operation, other
49.0301 Water transportation, general
49.0302 Barge and boat operation
49.0303 Commercial fishing operation
49.0304 Deep water diving and life support systems
49.0305 Marina operations
49.0306 Marine maintenance
49.0307 Merchant Marine officers
49.0308 Sailors and deckhands
49.0399 Water transportation, other
49.9999 Transportation and material moving, other

50.0000 VISUAL AND PERFORMING ARTS
50.0101 Visual and performing arts, general
50.0201 Crafts, general

50.0202 Ceramics
50.0203 Enameling
50.0204 Fiber/textiles/weaving
50.0205 Glass
50.0206 Metal/jewelry
50.0299 Crafts, other
50.0301 Dance
50.0401 Design, general
50.0402 Graphic design
50.0403 Illustration design
50.0404 Industrial design
50.0405 Theater design
50.0499 Design, other
50.0501 Dramatic arts
50.0601 Film arts, general
50.0602 Cinematography/film
50.0603 Film animation
50.0604 Holography
50.0605 Photography
50.0606 Video
50.0699 Film arts, other
50.0701 Film arts, general
50.0702 Art conservation
50.0703 Art history and appreciation
50.0704 Arts management
50.0705 Drawing
50.0706 Intermedia
50.0707 Kinetics
50.0708 Painting
50.0709 Sculpture
50.0799 Fine arts, other
50.0801 Graphic arts technology
50.0901 Music, general
50.0902 Music history and appreciation
50.0903 Music performance
50.0904 Music theory and composition
50.0999 Music, other
50.9999 Visual and performing arts, other

80.0101 INTENSIVE ENGLISH LANGUAGE

90.0101 UNDECLARED

E. Countries and Other Places by World Region and Subregion

1000 AFRICA

1100 Eastern Africa
1115 Burundi
1120 Comoros
1105 Djibouti
1125 Ethiopia
1130 Kenya
1135 Madagascar
1140 Malawi
1145 Mauritius
1150 Mozambique
1155 Réunion
1165 Rwanda
1170 Seychelles
1175 Somalia
1180 Tanzania
1185 Uganda
1190 Zambia
1160 Zimbabwe

1200 Central Africa
1210 Angola
1220 Cameroon
1230 Central African Republic
1240 Chad
1250 Congo
1260 Equatorial Guinea
1270 Gabon
1280 Sao Tomé & Principe
1290 Zaire

1300 North Africa
1310 Algeria
1320 Canary Islands
1330 Egypt
1340 Libya
1350 Morocco
1370 Sudan
1380 Tunisia
1360 Western Sahara

1400 Southern Africa
1410 Botswana
1420 Lesotho
1430 Namibia
1440 South Africa
1450 Swaziland

1500 West Africa
1510 Benin
1585 Burkina Faso
1505 Cape Verde
1515 Gambia
1520 Ghana
1525 Guinea
1530 Guinea-Bissau
1535 Ivory Coast
1540 Liberia
1545 Mali
1550 Mauritania
1555 Niger
1560 Nigeria
1565 St. Helena
1570 Senegal
1575 Sierra Leone
1580 Togo

3000 EUROPE

3100 Eastern Europe
3110 Albania
3120 Bulgaria
3130 Czechoslovakia
3140 German Democratic Republic
3150 Hungary
3160 Poland
3170 Romania
3180 U.S.S.R.
3190 Yugoslavia

3200 Western Europe
3203 Andorra
3206 Austria
3210 Belgium
3213 Denmark
220 Finland
3223 France
3226 Germany, Federal Republic of
3233 Gibraltar
3236 Greece
3243 Iceland
3246 Ireland
3250 Italy
3253 Liechtenstein
3256 Luxembourg
3260 Malta
3263 Monaco
3266 Netherlands
3270 Norway
3273 Portugal
3276 San Marino
3280 Spain
3283 Sweden
3286 Switzerland
3290 United Kingdom
3240 Vatican City

4000 LATIN AMERICA

4100 Caribbean
4105 Bahamas
4110 Barbados
4115 Cayman Islands
4120 Cuba
4125 Dominican Republic
4130 Guadeloupe
4135 Haiti
4140 Jamaica
4150 Leeward Islands
4155 Anguilla
4151 Antigua
4152 British Virgin Islands
4153 Montserrat
4154 St. Kitts-Nevis
4160 Martinique
4170 Netherlands Antilles
4180 Trinidad & Tobago
4185 Turks & Caicos Islands
4190 Windward Islands
4191 Dominica
4192 Grenada
4193 St. Lucia
4194 St. Vincent

4200 Central America
4210 Belize
4230 Costa Rica
4240 El Salvador
4250 Guatemala
4260 Honduras
4270 Mexico
4280 Nicaragua
4290 Panama

4300 South America
4305 Argentina
4310 Bolivia
4315 Brazil
4320 Chile
4325 Colombia
4330 Ecuador
4335 Falkland Islands
4340 French Guiana
4345 Guyana
4350 Paraguay
4355 Peru
4360 Suriname
4365 Uruguay
4370 Venezuela

2400 MIDDLE EAST

2405 Bahrain
2410 Cyprus
2415 Iran
2420 Iraq
2425 Israel
2430 Jordan
2435 Kuwait
2440 Lebanon
2445 Oman
2450 Qatar
2455 Saudi Arabia
2460 Syria
2465 Turkey
2470 United Arab Emirates
2485 Yemen Arab Republic
2490 Yemen, People's Democratic Republic of

5000 NORTH AMERICA

5110 Bermuda
5120 Canada

6000 OCEANIA

6100 Australia & New Zealand
6110 Australia
6120 New Zealand

6200 Pacific Ocean Island Areas
6210 Cook Islands
6215 Fiji
6220 French Polynesia
6225 Kiribati
6230 Nauru
6235 New Caledonia
6250 Niue
6255 Norfolk Island
6260 Pacific Islands, Trust Territory of the
6240 Papua New Guinea
6205 Solomon Islands
6270 Tonga
6271 Tuvalu
6245 Vanuatu
6275 Wallis & Futuna Islands
6280 Western Samoa

2000 SOUTH AND EAST ASIA

2100 East Asia
2110 People's Republic of China
2120 Taiwan
2130 Hong Kong
2140 Japan
2150 Korea, Democratic People's Republic of
2160 Korea, Republic of
2170 Macao
2180 Mongolia

2200 South and Central Asia
2205 Afghanistan
2210 Bangladesh
2215 Bhutan
2220 India
2225 Maldives, Republic of
2230 Nepal
2235 Pakistan
2245 Sri Lanka

2300 Southeast Asia
2305 Brunei
2310 Burma
2320 Cambodia
2315 Indonesia
2325 Laos
2330 Malaysia
2335 Phillipines
2345 Singapore
2350 Thailand
2360 Vietnam

ICDC

Interassociational Committee on Data Collection AACRAO • IIE • NAFSA

September 21, 1987

Dear Colleague:

On behalf of ICDC, IIE is again asking you to help us obtain current information on foreign students by providing the data requested below.

Thank you for responding to the Census last year. Your continuing cooperation makes it possible for IIE to publish *Open Doors* and send you a copy. *Open Doors* contains the most comprehensive and accurate information on foreign students in the United States; It is relied upon by governmental agencies and national organizations, like NAFSA and AACRAO, and is used by campus officials in formulating policies and setting up service programs for foreign students.

In order to serve the international exchange community best, this publication must reflect foreign study in the U.S. accurately. **It is,** therefore, **of great importance that every school reply to the survey. Your participation is essential** to the completeness of *Open Doors*. **Would you, therefore, please provide the requested data just as soon as possible?**

We are sending you **three** forms this year: a) the STEP 1 card, b) the STEP 2 form, and c) the STEP 3 form.

(1) STEP1: PRELIMINARY REPLY CARD: This allows us to estimate as accurately as possible the total number of foreign students in this country. Please complete it and return it to us **IMMEDIATELY.**

(2) STEP 2: INSTITUTIONAL DATA FORM: This contains the bulk of the data which are published in *Open Doors*. Please complete and return it **AS SOON AS POSSIBLE, BUT NO LATER THAN OCTOBER 30, 1987.** If absolutely necessary, please call us to arrange an extension.

(3) STEP 3: INDIVIDUAL DATA FORM: The STEP 3 data allow detailed analyses of foreign student characteristics.

PLEASE NOTE: This year **IIE is initiating an effort to accept Step 3 data on tape or diskette,** and urges you, if you can meet the specifications, to send the data in this form. **The data must, however, conform to the enclosed specifications,** since we do not have the capability this year to accept different formats. Please read all the enclosed instructions carefully if you decide to take this option.

Even if you are able to sent a tape or a diskette, we also need to have you fill out the form or send an appropriate printed student roster. Please read the detailed instructions on the Step 3 form so that you may provide the most easily usable data..

Please respond as soon as possible. The deadline for STEP 3 data is **NOVEMBER 13**. However, if you urgently need more time to send the data, please contact us, to make arrangements for an extension.

Data and inquiries should be addressed to:

Research Division
Institute of International Education
809 United Nations Plaza
New York, NY 10017
Telephone: (212) 984-5349

Thank you very much for your assistance and cooperation in this important endeavor.

Sincerely,

John F. Collins, Jr.
President
American Association of
Collegiate Registrars and
Admissions Officers

Richard M. Krasno
President
Institute of
International Education

Josef Mestenhauser
President
National Association for
Foreign Student Affairs

STEP 3 INSTRUCTIONS

(Title/Office)

(Reporting Official)

(Institution)

(City) (State) (Zip)

(Telephone)

For future use, the attached label should include Title/Office, the Reporting Official, and the institution's name, address, and telephone number. Please make any necessary changes.

In STEP 3, the Interassociational Committee on Data Collection (ICDC) is asking institutions to provide **individual data** (without actually identifying student names) in order to allow much more detailed analyses on the foreign student population in the United States than are possible in *Open Doors*. Only with **individual data** can reports be prepared indicating, for example, the number of female Egyptians studying sociology or the number of master's candidates studying biology from Japan. The last individual data survey, in 1985/86 will be reported in the publication *Profiles 1985/86* — a copy of which will be sent to you as soon as it is available.

The collection of **individual data** is an enormous undertaking requiring the processing of hundreds of thousands of individual records (as opposed to some 2,800 institutional records in recent years). Its success is largely dependent on the care taken by each institution to provide these data in a manageable form. Please help us by reading the instructions very carefully and by adhering to the guidelines as closely as possible.

INSTRUCTIONS FOR PROVIDING STEP 3 DATA

PLEASE SEND US PARTIAL INFORMATION IF THAT IS ALL YOU HAVE. WE WILL ACCEPT DATA ON AS FEW AS TWO CATEGORIES (such as country of origin and field of study) if your institution cannot provide data on all of the requested fields. Of course, we urge you to provide as much information as possible.

INCLUDE ONLY NON-IMMIGRANT FOREIGN STUDENTS AT THE POST-SECONDARY LEVEL. **DO NOT INCLUDE** STUDENTS FROM GUAM, AMERICAN SAMOA, PUERTO RICO, OR THE U.S. VIRGIN ISLANDS.

ALL INFORMATION SHOULD BE BASED ON **1987 FALL TERM** ENROLLMENTS.

SEND STEP 3 DATA BY NOVEMBER 13, 1987. If it is not possible for you to send them by this date, do not throw the form away. Call us to make special arrangements to provide the information later.

STEP 3 DATA SHOULD BE SENT TO: Research Division
Institute of International Education
809 United Nations Plaza
New York, NY 10017

ALL QUESTIONS SHOULD BE DIRECTED TO Marianth: Zikopoulos at (212) 984-5347

PLEASE USE THE FOLLOWING DEFINITIONS IN REPORTING THE DATA:

DEFINITIONS

FOREIGN STUDENT — a foreign student is anyone enrolled for courses in the United States who is **not** an immigrant (permanent resident) or a citizen. Refugees **are** included. Do **not** include resident aliens (holding "green cards").

FIELD OF STUDY — please be as specific as possible in listing field of study, e.g. electrical engineering or petroleum engineering in the field of engineering, marketing research or retail marketing in the field of marketing. These categories will be classified using the classification system developed by the National Center for Education Statistics (NCES). A detailed listing of this taxonomy appears in ***Open Doors: 1986/87.***

ACADEMIC LEVEL — see codes listed at bottom of Pages 3 and 4. Under Intensive English Language include only students enrolled for 15 or more contact hours per week.

PRIMARY SOURCE OF FUNDS — the single greatest source of funds for all educational expenses including associated living expenses for a foreign student enrolled in an educational institution within the United States. If a student has more than one source of funds then **use the one source** which represents the largest percentage of all income.

(1) Personal and Family — income derived from personal or private sources.
(2) U.S. sponsor — student is sponsored by the U.S. government, U.S. college or university, or U.S. private sponsor.
(3) Non-U.S. sponsor — student is sponsored by home government, home college or university, foreign private sponsor, international organization, or other sponsor not based in the U.S.

INSTRUCTIONS CONTINUED ON OTHER SIDE

STEP 3 INSTRUCTIONS (Continued)

HOW TO REPORT STEP 3 DATA

A. FORMAT

1. **ELECTRONIC REPORT: TAPE OR DISKETTE**
   For the first time, IIE can accept Step 3 data on tape or diskette. We urge you to send us the data in this way if possible. In order for us to be able to accept your tape or diskette, the data must conform to the specified format. Please follow the enclosed specifications carefully.
   If you have the ability to provide a tape or diskette in the required format, but you cannot do it by November 13, please let us know and we will extend the deadline.

2. **PRINTED REPORT**
   Of course, if you cannot provide a tape or a diskette, you can always report Step 3 data in written form. Two types of reports are acceptable:
   a) **Completed Step 3 form:** The preferred format for reporting individual data is by filling out pages 3 and 4 of this form. If your institution has more foreign students than will fit on this form, please photocopy page 4 as many times as necessary to include all students.
   The preferred order for the individual data is to list students by country, within country by field of study, within field of study by academic level, etc. If you have two or more students with identical characteristics, then list them once and put their number in the first column as in the following illustration:

STEP 3
INDIVIDUAL DATA

INDIVIDUAL DATA SURVEY OF FOREIGN STUDENTS
1987/1988
Interassociational Committee on Data Collection (ICDC)
AACRAO • IIE • NAFSA

Page 3

NUMBER OF STUDENTS	COUNTRY OF CITIZENSHIP	FOR IIE USE ONLY	FIELD OF STUDY (Please be specific e.g. Electrical Engineering, Accounting, Dentistry, etc.)	FOR IIE USE ONLY	ACADEMIC LEVEL (See Code Below)	SEX (Place X in appropriate box)		PRIMARY SOURCE OF FUNDS
						M	F	
1	GERMANY		FINANCE		04	X		1
1	INDIA		ELECTRICAL ENGINEERING		05		X	3
3	IRAN		PETROLEUM ENGINEERING		05	X		1
1	NIGERIA		SOIL PHYSICS		09	X		2
1	NIGERIA		MARKETING RESEARCH		08		X	1
1	MEXICO		ART EDUCATION		06	X		3
1	BRAZIL		COMMUNICATION THEORY		08	X		2
1	CHINA (PRC)		AGRICULTURAL MECHANICS		09		X	3

   b) **Roster reports/Computer printouts:** If your institution has too many students to report on the supplied form, IIE will accept computer printouts, directories, or rosters of foreign students. However, in order that we be able to manage these data, **WE STRONGLY URGE YOU TO HAVE THE ROSTERS PRODUCED IN THE FORMAT SUGGESTED ABOVE.** That is, list students by country, within country by field of study, etc. If you cannot produce such a report, grouping students by either country of origin or field of study will facilitate our data management task.
   Please note:
   Please **include a key for decoding any codes or abbreviations** included in your report.
   Please **identify students on immigrant visas (permanent residents)** if they cannot be excluded from your report.
   Please have any computer printout **triple spaced**, if possible, to allow room for coding.
   Please **attach the label from page 1 of this form on the report**.

Any questions about provision of data on tape, diskette or roster should be directed to Marianthi Zikopoulos, at (212) 984-5347.

GUIDELINES FOR THE RELEASE OF INDIVIDUAL DATA

Reports based on individual data are available to individuals, agencies or corporations for clearly identified purposes of scholarly research, public information or recruitment for employment.

Reports will be produced for recruitment purposes only when the employer has indicated that: the openings are for employment in the students' home countries or, in some instances, home regions; students' obligations to the sponsors of their U.S. study and/or to their own governments will be respected; the corporation or agency does not engage in discriminatory practices.

Student names obtained as a by-product of the census activity will not be released in any case without the student's prior consent.

The Institute of International Education reserves the right to request that the proposed use of the data can be documented and to withhold individual data when the request is not deemed to be for appropriate scholarly, public information or recruitment purposes.

STEP 3
INDIVIDUAL DATA

INDIVIDUAL DATA SURVEY OF FOREIGN STUDENTS
1987/1988

Interassociational Committee on Data Collection (ICDC)
AACRAO • IIE • NAFSA

NUMBER OF STUDENTS	COUNTRY OF CITIZENSHIP	FOR IIE USE ONLY	FIELD OF STUDY *(Please be specific e.g. Electrical Engineering, Accounting, Dentistry, etc.)*	FOR IIE USE ONLY	ACADEMIC LEVEL *(See Code Below)*	SEX *(Place X in appropriate box)*	PRIMARY SOURCE OF FUNDS
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						M F	
						M F	

CODES FOR ACADEMIC LEVEL

01 ASSOCIATE (Both 1st & 2nd year)
02 PRACTICAL TRAINING
03 FRESHMAN
04 SOPHOMORE
05 JUNIOR
06 SENIOR
07 UNDERGRADUATE—UNSPECIFIED
08 MASTER'S
09 DOCTORATE
10 PROFESSIONAL TRAINING
11 GRADUATE—UNSPECIFIED
12 NON-DEGREE
13 INTENSIVE ENGLISH LANGUAGE (15 or more contact hrs/wk)
88 UNKNOWN/NOT AVAILABLE

CODES FOR PRIMARY SOURCE OF FUNDS

1. PERSONAL AND FAMILY
2. U.S. SPONSOR
3. NON-U.S. SPONSOR
8. UNKNOWN/NOT AVAILABLE

STEP 3
INDIVIDUAL DATA

INDIVIDUAL DATA SURVEY OF FOREIGN STUDENTS
1987/1988
Interassociational Committee on Data Collection (ICDC)
AACRAO • IIE • NAFSA

NUMBER OF STUDENTS	COUNTRY OF CITIZENSHIP	FOR IIE USE ONLY	FIELD OF STUDY *(Please be specific e.g. Electrical Engineering, Accounting, Dentistry, etc.)*	FOR IIE USE ONLY	ACADEMIC LEVEL *(See Code Below)*	SEX *(Place X in appropriate box)*	PRIMARY SOURCE OF FUNDS
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08 MASTER'S
09 DOCTORATE
10 PROFESSIONAL TRAINING
11 GRADUATE—UNSPECIFIED
12 NON-DEGREE
13 INTENSIVE ENGLISH LANGUAGE (15 or more contact hrs/wk)

CODES FOR PRIMARY SOURCE OF FUNDS

1. PERSONAL AND FAMILY
2. U.S. SPONSOR
3. NON-U.S. SPONSOR

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204